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Summer/Autumn 07

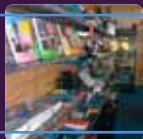
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AFE
airplan flight equipment

AFE have been the UK's leading aviation publisher, pilot shop and distributor since 1973, making us the longest-established UK company in the field. As a premier European aviation company, we sell to tens of thousands of pilots, flying schools, operators and aviation companies worldwide every year and amongst our clients are some of the biggest names in aviation.

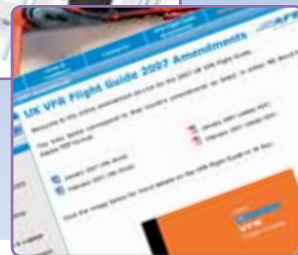
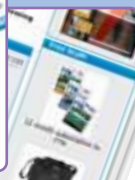
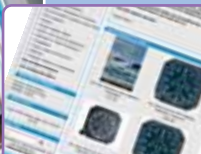
Many of our staff are active pilots who know and care about flying, and as a major distributor for many of the biggest brand names in aviation we have an unequalled buying power that we bring to bear for the benefit of our customers. Above all, by offering the highest service standards, the widest product range and the most competitive prices, we never forget the most important person in our company – you, our customer.

Jeremy M Pratt, Managing Director



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Every day AFE check our prices to make sure we remain the most competitive in the business. Prices can and do change during the life of this catalogue – especially on fast-moving products affected by exchange rate changes, such as headsets and GPS.

For our current prices on any product, please check on-line at www.afeonline.com or call us for a quote.

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"I've never had better situational awareness on the fly - In all senses of the word. Superb" - Miles McCallum, Flyer Magazine

Flymap L

The Flymap system is a sophisticated, yet simple to use navigation solution for general aviation. Developed in Europe and routinely used by the emergency services, Flymap's Moving Map systems set new standards in ease of use and functionality - ensuring that pilot workload stays low and that important information is always at your fingertips.

Whether fixed wing or helicopter, if you want a top-of-the-range moving map display Flymap L is a clear choice. Using the latest technology, Flymap L not only has the brightest screen on the market, but also the only touch screen in its class. It is also the only moving map system where routes, flight logs, map updates and other data can be transferred between cockpit and computer quickly and easily with a standard USB memory stick.

The ultra-bright display can be read even in direct, bright sunlight.

All functions including route planning are handled through the touch screen. Large buttons and menus ensure that it is easy to use even if the user is wearing gloves and is in a high vibration environment.

You can choose between two map displays: "North Up" and "Course Up". On "Course Up" the system will place the aircraft near to the bottom of the screen.

Advantage: The visible area ahead of the airplane is maximised.

When the "North Up" display is selected the aircraft symbol is centred and rotates to point along the current track.

Advantage: Conventional layout is simple to understand.

Flymap can give a visual indication of the height of surrounding terrain. The terrain display activates as soon as the height above ground falls below 500ft.

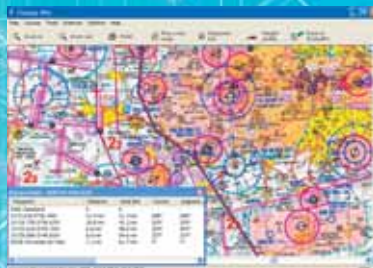
Yellow Areas:

The height above ground is between 100ft and 500ft

Red Areas:

The height above ground is below 100ft, or the terrain is higher than your current flight level

Flymap will warn you as you approach airspace restricted at (or close to) current altitude and give information such as class, distance and the levels over which the zone applies.



Flymap L - Package includes GPS unit, all Jeppesen maps, 1 year software updates, carry bag

FLYMAPL

£3,875.00

Flymap L extras:

Flymap Win flight planning for Windows (single licence) **£105.00**

Scan and inclusion of ICAO 1:500,000 UK maps **£70.00**

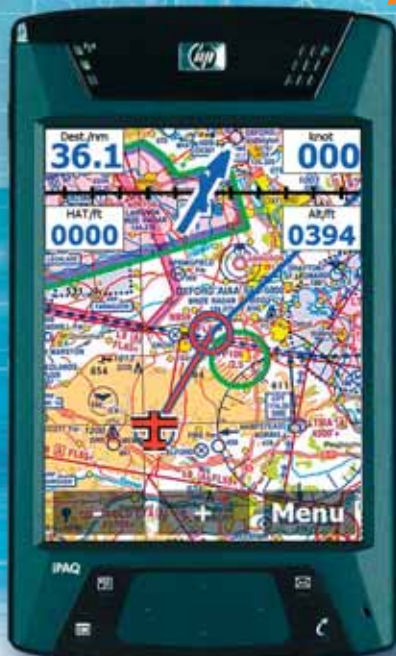
Scan and inclusion of ICAO 1:250,000 UK maps **£235.00**

Scan and inclusion of other maps (per square metre of map) **£53.00**

Jeppesen Europe maps **£270.00**

Battery pack (if not using aircraft power supply) **£230.00**

Pocket Flymap



With the same features as the panel-mount Flymap L, but running on almost any Windows-based PDA, pocket Flymap is a perfect low-weight system. Used by pilots flying aircraft from a Spitfire to an R22, pocket Flymap shows that just because it's small, it's not a compromise.

Important information about all airfields, such as frequency and runway info, can be retrieved directly either by using the airfield code or the name of the airfield. More airfields can be added to the system manually.

The system automatically calculates a basic route to your desired destination and displays the route on the map.

The arrow on the map shows the direction in which you have to fly in order to reach your destination. A second bar shows how far off track you are. If you prefer a classical Track and Bearing display, you can switch to it at any time.

The system displays your distance to the destination and to the next route point. It will also give an ETA to both waypoints and destination

When you touch the "Nearest Airfield" button a list of nearest airfields, arranged according to distance, appears. Select your desired airfield, and the system immediately cancels your current route and directs you to the selected airfield.

You can plan your complete flight with Flymap directly onto the PDA. The system will generate a line between your chosen start and destination and then you can insert waypoints and alter the route to avoid controlled and prohibited airspace depending on your preferences.

In front of the aircraft, a speed vector line shows where the aircraft will be in ten minutes.

Pocket Flymap also displays other useful flight information such as Distance/Time to destination, airspeed, height and altitude.

It can incorporate almost any map within reason so that you can always fly with a map that is familiar to you.

Pocket Flymap - Package includes Fujitsu-Siemens N560 complete PDA system including Flymap software, GPS unit, 1Gb memory card, Jeppesen UK maps and 12v power connector

POCKETFLYMAP

£825.00

POCKETFMS

£355.00

Pocket Flymap extras:

Flymap Win flight planning for Windows (with Pocket Flymap) **£105.00**

Flymap Win flight planning for Windows (without Pocket Flymap) **£135.00**

Tom Tom car navigation software (installed if ordering PDA) **£235.00**

Scan and inclusion of other maps (per square metre of map) **£53.00**

Jeppesen Europe maps **£270.00**

Scan and inclusion of other maps (per square metre of map) **£230.00**

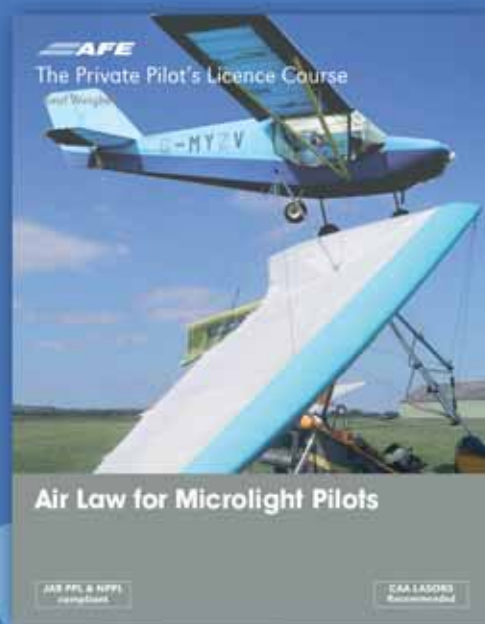
Air Law for Microlight Pilots

Geoff Weighell

Air Law for Microlight Pilots is the first book to deal specifically with Aviation Law as it relates to pilots of microlights, gliders, balloons, paramotors, gyrocopters and other 'sport aviation' pilots. Designed to enable to user to pass the relevant UK Private Pilot Licence (PPL) or National Private Pilot Licence (NPPL) air law examination, this book will be equally invaluable for the qualified pilot seeking to update his or her knowledge aviation law, flight rules and procedures. The book sets out to detail those parts of Aviation Law which are relevant to sports aviation (recreational) pilots, focusing in particular on microlight pilots where powered aircraft are concerned, explaining the detail of the subject in a commonsense way designed to help the reader learn.

Comprehensive, readable and illustrated throughout (including a full colour section), this book will become the standard reference for sports aviation law. It also includes comprehensive progress and revision questions and answers to help the reader consolidate his or her knowledge.

Softback, approx 180 pages, illustrated throughout.



Subjects covered include:

- AVIATION LEGISLATION
- AERONAUTICAL INFORMATION
- MICROLIGHTS
- LICENCES, RATINGS, AUTHORITIES
- PILOT LICENSING
- LICENCE CONSIDERATIONS
- INSTRUCTOR RATINGS (MICROLIGHTS) AND EXAMINER AUTHORITIES
- AIRCRAFT REGISTRATION AND AIRWORTHINESS
- AIRCRAFT OPERATION
- FLIGHT RULES (RULES 24 TO 27)
- AIRSPACE
- AIRSPACE RESTRICTIONS AND HAZARDS
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PPLMICROAIRLAW

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About the author

Geoff Weighell is a highly experienced microlight pilot, instructor and examiner with over 20 years and in excess of 9000 hours of microlighting experience. Widely regarded as one of the 'pioneers' in improving microlight safety, Geoff is also chairman of the Panel of Examiners and the former BMAA representative on the NPPL steering committee. Geoff is now Chairman of the British Microlight Aircraft Association (BMAA).



GARMIN™

GPSMAP296



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£779.95

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The GPSMAP 296 builds on the tradition of Garmin aviation handhelds with terrain cautions and alerts, chart-like topographic data, and a transparent navigation arc view for course, speed, and distance information leading the list of advances. The GPSMAP 296 also features USB data transfer, faster processing speed, and a rechargeable lithium-ion battery pack. The GPSMAP 296 delivers terrain awareness in an intuitive Terrain mode and the unit combines GPS position, GPS altitude and topographical mapping to give pilots a vivid depiction of potential terrain hazards.



- WAAS-capable GPS receiver for enhanced lateral/vertical guidance
- Crisp, high-resolution display (480 x 320 pixel count), 256-colour TFT display (3.8 inches diagonally)
- 5.7" W x 3.2" H x 1.9" D unit dimensions
- Up to 15 hours battery life (typical use backlight conditions); 8 hours full backlight brightness
- Rechargeable lithium-ion battery pack
- Road and marine modes for easy navigation in a vehicle or boat
- Detailed basemap includes major roads, borders, rivers, lakes, and tide stations
- Accepts data from Garmin's MapSource products (City Select for driving, BlueChart for saltwater, and Recreational Lakes with Fishing Hot Spots® for freshwater)
- Waterproof
- 50 reversible routes (300 waypoints each), 15 saved tracks (700 trackpoints each), TracBack® technology, 3000 waypoints with graphical icon identification
- Voice prompt guidance when the 12-volt / speaker cable is connected
- Separate serial and USB interfaces; 2 RS-232 serial ports

Package includes: GPSMAP® 296 receiver; Atlantic Autoroute basemap; Adjustable yoke mount; Automotive mount; Cigarette-lighter adapter; AC power adapter; USB-PC interface cable; Low-profile remote GPS antenna; Carrying case; Free Jeppesen® update certificate; Trip & Waypoint Manager software; Owner's manual; Quick-reference guide

GARMINGPSMAP296

£779.95 G



A FREE UK En-Route Guide with every Aviation GPS
Worth £15.95

GPSMAP196

A VERSATILE NAVIGATOR FOR AIR, LAND, AND SEA

This WAAS-capable unit has detailed moving map graphics, HSI steering guidance, a Jeppesen database, and all the other pilot-friendly features you'd expect from Garmin. The unit's 12-level greyscale display offers exceptional resolution, with extremely fast map redraws and scrolling. Steering guidance is clearly presented through a graphic HSI with VNAV, with extended runway centerlines. An automatic logbook also calculates your flight time and automatically records departure and arrival locations. The GPSMAP 196 compromises nothing in its versatility, going from cockpit to land to water. In addition to the built-in Garmin basemap, the GPSMAP 196 accepts most of Garmin's MapSource® products.



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- Panel page graphically displays flight information
- Logbook feature automatically records departure airports, arrival airports, and flighttime, all of which can be downloaded to free Flightbook software
- Extended runway centerlines display on a moving map
- Split-screen moving map and HSI display
- Aviation, Land, and Water modes.
- Large (3.8" diagonal) 12-level greyscale display

Package includes: GPSMAP® 196 receiver; Atlantic Autoroute basemap; Free single Jeppesen® update; Yoke mount; Dash mount; PC interface cable; Cigarette lighter adapter; Low-profile remote GPS antenna; Owner's manual; Quick reference guide

GARMINGPSMAP196

£421.95 G



A FREE UK En-Route Guide with every Aviation GPS
Worth £15.95

ETREX

This portable non-aviation model is truly a small wonder. The Etrex takes the best features of a 12 parallel channel GPS receiver and put them into a six-ounce package that is only four inches high and two inches wide. The result is a unit that will literally fit in the palm of your hand.

All buttons are located on either side of the unit, allowing for simple, one-handed operation that won't obstruct your view of the display. In fact, the Etrex features only five operator buttons for the ultimate in user-friendly design.

Package includes:

- Etrex
- Wrist strap
- User's guide
- Quick reference guide

GARMINETREX

£109.95 H



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GPSMAP496

GPS mapping imagery is taken to a new level with the enhanced detail and best-ever resolution of the Garmin GPSMAP 496. For UK users VRP's (Visual Reference Points) have been added to the system - each can be searched and navigated to in two button presses. Obstacles have also been added, each can be interrogated simply by moving the cursor over it to display information. Aerodrome Traffic Zones (ATZs) and Military Aerodrome Traffic Zones (MATZs) a feature of the new European database, as are private airfields and heliports. Another new feature is "Airspace Declutter", which allows the user to select an 'upper' altitude so that the 496 display will only show the airspace at or below that altitude. If the pilot goes above the set threshold then all airspace comes back onto the display. Then there's "Smart Airspace". This means that the boldness changes for the airspace depending on your altitude, this offers better situational awareness on the display to view impending airspace.

The new features of the GPSMAP 496 don't end there. The GPSMAP 496 will output VOICE COMMANDS, similar to those found in high TAWS (Terrain Awareness Warning Systems). So, not only does the unit alert the pilot visually to terrain or obstacles via the thumbnail in any page or on the dedicated terrain/obstacle page, it also gives aural alerts to a headset or to an Audio panel or Intercom.

- WAAS-enabled, 12 parallel channel GPS receiver
- Display Size: 3.75" Diagonal, 480 x 320 pixels
- 256-colour, sunlight readable TFT display with adjustable backlight
- Unit Dimensions: 5.7" W x 3.2" H x 1.9" D
- Smart Airspace™ feature makes it easier to identify what airspace lies ahead
- Built-in Jeppesen database with terrain and obstacle databases
- Terrain/obstacle display with pop-up warnings
- Preloaded with detailed City Navigator NT street maps and POI database
- Voice-prompt road guidance (when the power/speaker cable is connected)
- Accepts standard Garmin data cards and pre-programmed data cards
- Rechargeable lithium-ion battery offers 5 to 15 hours of use
- Water resistant



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£1,445.95

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The GPSMAP 496 package includes: GPSMAP 496; Preloaded City Navigator® NT Europe (full coverage); Free single Jeppesen update; GXM™ 30A smart antenna; Low-profile remote GPS antenna; Auto mount; Yoke mount; Friction mount; 12-Volt automotive adapter cable with speaker; Wall charger; USB interface cable; Carrying case; Owner's manual; Quick reference guide.

GARMINGPSMAP496

£1,445.95 G



FREE
A UK En-Route Guide with every Aviation GPS Worth £15.95

GPSMAP96&96C

These neat Garmin aviation portables, the GPSMAP 96 & 96C offer full-featured GPS navigation with extensive basemap, a Jeppesen database and topography, street mapping, and a GPS-derived HSI. The GPSMAP 96 has a sunlight-readable, 4-level greyscale display (180x240) and 23mb of memory while the 96C has a 256-colour display and 119mb of memory.

Physically, these units are the same size, sealed to IPX7 standards, (submersible in one metre of water for up to 30 minutes), with an internal quad-helix antenna, an external antenna connector and built-in USB interface.

Phase II receiver tracks and uses up to 12 individual satellites for fast acquisition and a tight lock on satellites.

Features:

- Proximity waypoint feature warns you of approaching hazardous areas.
- Innovative TracBack function turns your track log into an instant breadcrumb trail so you quickly navigate back home, even if you haven't stored waypoints.
- User-definable map datums and UTM grids let you customize the data used for positioning.
- Large memory holds 1000 waypoints or 50 routes of up to 300 waypoints each.
- Airfield circuit patterns overlaid on map.

Package includes:

- GPSMAP 96 / 96C
- Jeppesen Atlantic aviation database
- Atlantic Lite Routable basemap
- MapSource® Trip & Waypoint Manager CD
- Yoke mount
- Wrist strap
- PC/USB interface cable
- 12-volt adapter
- Two AA batteries
- Quick reference guide
- Owner's manual



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FREE
A UK En-Route Guide with every GPS Worth £15.95

GARMINGPS96

£242.95 H

GARMINGPS96C

£379.95 H



David Clark



All David Clark headsets are made in the USA and have an excellent reputation for durability, reliability and long-life thanks to their rugged construction and confidence-inspiring 5 year warranty.

David Clark headsets are supplied with a **FREE** headset bag.



David Clark H 10-30

The timeless H10-30 uses an M1 carbon dynamic microphone with variable impedance which makes it particularly suitable for use in aircraft with older radio or intercom installations or to ensure compatibility with other dynamic microphone headsets. All other features – adjustable headband and hinged mic boom, volume control and gel ear seals – are all classic David Clark. NNR 24dB, weight 540g.



H10-30

£169.95 G

David Clark H 10-60

The H10-60 offers extra flexibility to allow the user to adjust the headset to their personal optimum position. The headband features pressure as well as the usual size adjustments and each ear cup can be set to one of three positions. The mic boom is a combined hinged/ flexible design and dual volume controls offer numerous adjustment options. The cord is detachable and modular in design, allowing the headset to be used in aircraft with differing sockets (additional cable assemblies can be purchased as required). The H10-60 is electrically similar to the H10-13.4 for maximum compatibility, and supplied as standard with straight cable and twin-jack mic/tels connections. NNR 21dB, weight 540g



H10-60

£229.95 G

David Clark H 20-10

A radical headset design using lightweight composite ear cups in a larger size to spread the clamping pressure over a wider area, with improved passive noise attenuation and greater comfort. The headband itself has an adjusting latch and the simpler adjustment and neater construction – no exposed cables – giving the H20-10 a sleek, modern appearance. The fully flexible mic boom carries an M-7 electret microphone. Gel filled ear seals and unique soft pillow headband as standard make this one of David Clark's most comfortable headsets. The H20-10 may not be ideal for use in aircraft with limited headroom. NNR 22dB, weight 625g



H20-10

£229.95 G

David Clark Accessories



David Clark Cloth Helmet

Comfortable khaki cloth helmet for added security during aerobatics or open-cockpit operations. Suits all H10-series headsets. Available in sizes 7; 7½ & 7¾

DCCLOTHELMET

£169.00 G

Headset Headband Pads

Soft, foam filled, cloth or sheepskin covered headband pads from David Clark but useable with many other brands.

Super soft "pillow" headset headband



DCHEADBAND

£29.95 H

Stop Gap

Stop Gap cushions are designed to be fitted on the eyeglass frame at the temple position. They can improve the fit between the head, glasses arms and headset ear seals thus enhancing the air seal, reducing noise leakage into the headset ear cups and improving ANR performance.



£4.95 H

STOPGAP

Microphone Cover

Reduce wind and cockpit noise, also help reduce moisture and dust contamination of the microphone. Black. Microphone cover, general purpose "tie-on" type, universal fit, also for D-C M1 type



MICCOVER

£29.95 H

Microphone Cover (for David Clark M-4 microphones)

MICCOVERM4

£4.95 H

Microphone Cover (for David Clark M-7 microphones)

MICCOVERM7A

£4.95 H

Cotton Comfort Cover

To fit all David Clark headsets except H20-10. Black.

COMFORTCOVER

£5.95 H



Foam "double-pillow" Headband pad

Extra-comfortable foam pillow headband pad, as fitted to H10-13.4 4 series Headsets. Suitable to upgrade all H10-models.

DCDOUBLEHEADBAN

£34.95 H

Sheepskin Headband pad



Replacement/ upgrade headset headband pad – sheepskin

DCSHEEPSKINBAND

£32.95 H

Gel Ear Seals

Very soft and snug earpads that improve the seal between the ear and head cup, and also reduce pressure points.

GELEARSEALS

£24.95 H



Undercut Gel Ear Seals

"Undercut" gel ear seals, carefully profiled to increase room in the earcups and further reduce pressure points for even greater comfort. Fitted as standard to H10-13.4 series headsets. Suitable to upgrade all H10-models.

GELEUNDERCUT

£27.95 H

The David Clark X11

ENC (Electronic Noise Cancelling) is David Clark's proprietary ANR (Active Noise Reduction) technology, and the X11 uses David Clark's latest dual voice-coil ENC system for improved ANR performance. Power comes from a slimline control box, which also features an auxiliary input for a mobile phone or MP3 player, giving typically 30 hours' operation on 2 x AA batteries.

The headset is physically small and light, with a clever carbonfibre folding headband, and the M77 microphone is designed for increased compatibility with other electret microphones.

Intelligently engineered - dual-hinge super-light carbonfibre headband for optimum articulation and fit



David Clark

- Weighs 510g
- Low-profile, vented headpad for long-term comfort
- Super soft fabric-faced contour gel earseals for proper seal and maximum comfort
- High fidelity stereo earphones with dual volume controls and stereo/mono switch
- New dual voice-coil ENC technology
- Sleek, lightweight control unit - 30 hours (typical) on 2 x AA batteries
- Auxiliary input, suitable for mobile phone, MP3 player etc, with 3 different accessory connector cords supplied
- M77 noise cancelling electret microphone on flexible boom
- Folds into the headband for space-saving storage
- Supplied with a David Clark headset bag

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£514.95

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DCX11

£514.95 G

David Clark Helicopter Models

David Clark H10-13H

A David Clark H10-13.4 designed for use in helicopters featuring curled cable and US-NATO (NEXUS/U-174) single plug.

David Clark H10-13H
(Helicopter)
DCH10-13H

£229.00 G



David Clark H10-13HXL
(Helicopter, with ENC)

£509.95 G

DCH10-13HXL

David Clark ENC Headsets

H10-13X and H10-13XL

Based on the H10-13.4, David Clark's Electronic Noise Cancelling (ENC) headsets feature electronic noise reduction. Available in several versions, the most popular are the H10-13X, which has an inline battery box for 6 x AA batteries, and the H10-13XL which has a modular connection system, allowing the use of different configurations for different aircraft, for example the purchase of additional cables to allow use in both fixed-wing (dual plug) and rotary wing (single 4-way U-174 "US-NATO" plug) operations.

- Weighs 510g
- ENC active noise reduction system
- Soft headpad and gel ear seals
- Hinged/flexible mic boom with M-7a electret microphone
- Dual volume controls
- Choice of battery box or panel-mount modules (-XL model only)
- Detachable cable (-XL models only)

David Clark H10-13X
DCH10-13X

£389.95 G

David Clark H10-13XL
DCH10-13XL

£489.95 G

David Clark H10-13HXL (Helicopter)
DCH10-13HXL

£514.95 G

David Clark H10-13.4

The industry standard aviation headset, the H10-13.4 replaced the evergreen H10-40, offering lower weight and improved comfort. The H10-13.4 has extra comfort features as standard such as the super-soft, double-foam headpad and "undercut" gel-filled ear seals. The M7A high-impedance electret noise cancelling microphone with mic. muff is mounted on a flexible boom. The volume control is set on the ear cup and the H10-13.4 offers a Noise Reduction Rating (NRR) of 23dB.

- Weighs just 465g
- Lightweight ear domes
- Single volume control
- Super soft, double foam padded headband for extra comfort
- Moulded plugs for extra durability
- Fully flexible mic boom
- M-7 electret microphone

DCH10-13.4

189.95 G



WEBCHECK

£189.95

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Other H10-13.4 variants are also available:

Stereo version with dual volume controls and stereo/mono switch.

DCH10-13S

£219.95 G

David Clark H10-13H

A David Clark H10-13.4 designed for use in helicopters featuring curled cable and US-NATO (NEXUS/U-174) single plug.

David Clark H10-13.4 (H) (Helicopter)

DCH10-13H

£219.95 G

David Clark H10-13Y

All the features of the H10-13.4 but with a smaller headband for smaller heads!

DCH10-13Y

£209.95 G

All Sennheiser headsets are supplied with a **FREE** Sennheiser branded headset case.



Sennheiser HME100 & HME100 SE-2



The classic HME100 design features a noise cancelling high-impedance MKE 45-1 electret microphone on a flexible boom, twin-plugs (mic/tels) and all HME-series headsets feature volume control, stereo/mono switching for maximum intercom compatibility. Soft ear pads and headband and come as standard with Sennheiser's class-leading 5-year warranty.

The HME100 is now available in either standard blue finish or a smart black & silver Special Edition, with enhanced comfort features and 10-year warranty.

Sennheiser HME100 Headset SENNHME100

£139.95 F

Sennheiser HME100 SE-2 Special Edition Headset SENNHME100SE2

£169.95 F

Helicopter variants

Sennheiser HME120 Headset with bipolar microphone and US-NATO plug

SENNHME120

£159.95 F

Sennheiser HMD120 Headset, as HME120 but with dynamic microphone

SENNHMD120

£159.95 F



W E B C H E C K

£169.95

CHECK OUR LATEST ON-LINE PRICE

Sennheiser HMEC350

HMEC models, and the HMDC variants, have Sennheiser's proprietary NoiseGuard™ ANR technology and Electret or Dynamic microphones and twin or US-NATO plugs respectively, offering truly outstanding performance and value for an Active Noise Reduction (ANR) headset. Sennheiser's Noise-Gard™ ANR

system offers class-leading noise reduction with up to 40dB attenuation across the entire audio range in active mode. The HMEC350 model benefits from improvements leading to even better speech intelligibility. Modular options include a portable battery box – BP04 (4 x AA batteries required) with low power indicator and auto shut-off facility – or a cigar-lighter power lead, ACX-1, for operations in aircraft without a dedicated XLR power supply.

Sennheiser HMEC350 ANR headset

SENNHMEC350

£419.95 F

Helicopter variants

HMEC 372 NoiseGuard™ Helicopter headset

The HMEC 372 differs from the HMEC 350 in the following features:

- No Mono/Stereo switch
- Coiled cable and US NATO (U-174) plug

SENNHMEC372

£499.00 F

HMDC 372 NoiseGuard™ Helicopter headset

The HMDC 372 differs from the HMEC 350 in the following features:

- No Mono/Stereo switch
- Coiled cable and US NATO (U-174) plug
- Low Impedance dynamic microphone and low impedance headphones

SENNHMDC372

£549.00 F



- NoiseGuard™ ANR system
- MKE 45-1 Electret microphone
- Fully flexible microphone boom
- Fitted with standard twin-jack mic/tels connectors and a 3-pin XLR power plug
- Padded headband
- Soft cushion ear seals
- Panel-mount, portable battery box or cigar-lighter power supply options
- Weighs just 380g

Sennheiser HMEC450

Based on the superb HMEC350, this Special Edition NoiseGuard™ headset offers elegant styling, enhanced warranty and improved comfort features in a package offering excellent value for money. A portable battery box – BP04 (with low power indicator and auto shut-off) – or a cigar-lighter power lead, ACX-1, is available separately for operations in aircraft without a dedicated XLR power supply.

The HMEC 450 differs from the HMEC 350 in the following main features:

- Stylish silver design
- Leatherette, supersoft ear cushions and headband pad
- 10-year warranty

Sennheiser HMEC450 ANR Headset

SENNHMEC450

£429.95 F



Sennheiser Accessories



BP04 Portable battery box

Sennheiser BP04 portable battery box with auto shut-off function (holds 4x AA batteries)

SENNBP04

£40.00 F

Sennheiser cigar-lighter power lead

SENNACX1

£22.95 F

Sennheiser cigar-lighter dual power lead, run 2 ANR headsets from 1x 12V "cigar lighter" socket

SENNACX2

£24.95 F

Sennheiser Gel ear seals (for all HME/HMEC100-300-400 variants)

SENNGELSEAL

£19.95 F

Sennheiser Soft leatherette ear seals (for all HME/HMEC100-300-400 variants)

SENNE/SHMEC400

£27.95 F

Sennheiser microphone windsock, to fit MKE 45-1 electret microphones

SENNMICCOVER

£5.99 F



Sennheiser HMEC460

Sennheiser's new HMEC 460 headset improves on the already excellent HMEC 450 in several key elements.

- Reduced clamping pressure: the clamping pressure has been reduced by 30%, to improve comfort without compromising noise attenuation performance. Together with the extra-supple leatherette headpad and ear-seals, this is probably Sennheiser's most comfortable GA headset to date.
- Improved battery power supply: now giving up to 30 hours' operation on 2 x AA batteries (HMEC 450 uses 4 x AA batteries), the battery power module is smaller and neater than before.
- Inputs for mobile phone and external audio, e.g. GPS audio output for voice prompts and alerts, or MP3 player

HMEC 460 specifications:

Noise-compensated, bipolar MKE 45-1 electret microphone. Circumaural, closed design ear cups, passive/active attenuation >25-40dB

Straight cable, twin-jacks, 3-pin XLR for modular ANR power. Optional battery power.

Contact pressure approx 7N; weight 370g (without cable)

The HMEC 460 is supplied with Sennheiser headset carry case, cable clip, microphone windsock, 2 x audio cables for external inputs.

SENNHMEC460

£599.95 F



WEBCHECK

£599.95

CHECK OUR LATEST ON-LINE PRICE

Sennheiser HME25KA & HMEC25KA



Designed for use in jet flight-deck environments, the HMEC25 offers 11dB of passive noise cancelling and up to 26dB with ANR operation, making it suitable for light aircraft use too. If you fly jets for a living, and light singles for fun, here is a headset you could use for both.

Lightweight (170g), supra-aural closed (i.e. surrounds the ear) passive headset (HME25KA) - or with "Noise-Gard" ANR technology (HMEC25KA) - electret noise cancelling microphone, split headband and fold-back earpiece for single-ear use. Standard twin-plug connectors on all -KA variants, other variants of the HMEC25 are available, details on request.

Sennheiser HME25KA SENNHME25KA

£249.00 F

Sennheiser HMEC25KA SENNHMEC25KA

£449.00 F

Sennheiser HME46 & HMEC46

Replacing Sennheiser's incredibly successful lightweight headset, the HME45, the HME46, and ANR variants the HMEC46 build on the strengths of the outgoing model to bring you even higher levels of performance.

Sennheiser HME46 passive lightweight headset

SENNHEISERHME46 £269.00 F

Sennheiser HMEC46 BV-KP, battery power inc. volume control

SENNHEISERHMEC46 £499.00 F



Sennheiser PXC350 and PXC450 listen-only headsets with Noise-Gard™ ANR

How about this for the best of both worlds? A listen-only headset with genuine hi-fi quality sound, passive noise attenuation as good as most regular aviation headsets, plus class-leading ANR for extra noise reduction. Use them as passenger headsets in light aircraft, hi-fi headphones for music and games in the home, and high-quality IFE (in-flight entertainment) headphones. Complete with adaptor plugs for all common applications, these are truly versatile high-performers.

The PXC350 features "Advance", the latest version of Sennheiser's extremely successful NoiseGard™ ANR circuitry, while the PXC450 uses NoiseGard™ 2.0, a new generation of ANR circuitry with higher quality microphones, faster sound processing and enhanced algorithms for an extra 5dB of active noise reduction. The PXC450 also features "Talk Through" so that conversations can be had without removing the headset, or compromising ANR performance. Supplied in a pack with adaptors and neat travel case.

Sennheiser PXC350 hi-fi quality headphones with NoiseGard™ ANR

SENNPXC350

£229.00 F

Sennheiser PXC450 hi-fi quality headphones with NoiseGard™ 2.0 ANR

SENNPXC450

£299.00 F



Sennheiser PXC250

The PXC250 is a lightweight listen-only headphone with built-in "Noise-Gard" ANR technology. Amazingly effective, this tiny headset significantly reduces the transmission of external noise while providing high quality audio. Supplied with a standard stereo mini-jack, 3.5mm stereo adaptor and 2-way in-flight entertainment connector, the versatile PXC250 can be used as a listen-only (passenger) headset in a light aircraft, as high-quality audio headphones for Walkman/MP3, as domestic hi-fi headphones or as in-flight entertainment headphones. Supplied with neat carry case.

Sennheiser PXC250 headphones

SENNPXC250

£109.00 F





WEBCHECK

£199.00

CHECK OUR LATEST ON-LINE PRICE

Flightcom DENALI

Flightcom's award-winning Denali is one of the lightest headsets we stock – weighing a featherweight 320g, yet with a NRR of 21 dB. The Denali offers outstanding levels of comfort combined with excellent passive noise attenuation. Anatomically shaped ear cups with supple leather ear seals reduce pressure points, and give the Denali its distinctive appearance and comfort. Denali headsets are available in smart Graphite-blue or more extrovert "J3 Cub yellow".

- Anatomically shaped ear cups with protein leather & Confor® foam ear seals
- Noise cancelling high impedance electret microphone
- Dual volume controls
- Adjustable headband with soft leather pad
- Available in Graphite-blue or "J3 cub" yellow
- Supplied with a smart Flightcom headset case
- Fixed-wing (straight cable/twin-plug) or helicopter (coiled cable/US-NATO plug)
- Weighs just 320g

Flightcom Denali, blue
DENALIBLUE

£199.00 F

Flightcom Denali, yellow
DENALIYELLOW

£199.00 F

Flightcom Denali Helicopter headset, blue

DENALIHBLBLUE

£239.00 F

Flightcom Denali Helicopter headset, yellow

DENALIHLYELLOW

£239.00 F



WEBCHECK

£379.95

CHECK OUR LATEST ON-LINE PRICE

Flightcom DENALI ANR

The extraordinary Flightcom Denali is also available in an ANR version, offering significantly enhanced low frequency attenuation (an additional 19-21 dB) for barely any extra weight (380g total). The ANR edition is powered from a small 9V battery box. Flightcom's new Sure Power System automatically switches the ANR circuit off when not in use, conserving battery life. Panel-power options available on request.

Flightcom Denali ANR, blue
DENALIANRBLUE

£379.95 F

Flightcom Denali ANR, yellow
DENALIANRYELLOW

£379.95 F

Flightcom Denali ANR Helicopter headset, blue

DENALIANRHBLBL

£429.00 F

Flightcom Denali ANR Helicopter headset, yellow

DENALIANRHELYE

£429.00 F

Flightcom 'Classic' headsets

OUR LOWEST-PRICED AVIATION HEADSET



Flightcom Classic 4DX

Noise cancelling electret microphone with mic. muff on adjustable wire frame boom, volume control and soft gel/foam ear seals with removable cloth covers. NRR 24dB, weighs 480g.

FC/4DX

£89.00 F



Flightcom Classic 4DLX

As 4DX, but adds extra features including softer headpad, a flexible microphone boom for increased range of adjustment, and individual volume controls for each ear. Has an NRR of 24dB and weighs 480g

FC/4DLX

£119.00 F



Flightcom Classic 5DX

Upgrades the 4DLX headpad to a soft fleece pad and incorporates silicone gel filled ear seals for maximum comfort. Flightcom's most popular budget model. NRR 22dB, weight 510g.

FC/5DX

£139.00 F

Headset bag upgrade

Add an AFE headset bag to your Flightcom Classic headset purchase for just £5.95 (£15.95 when purchased as a separate item)

SAVE
£10!

AFEHEADSETBAGUPGR

£5.95 F

STILL OUR LOWEST-PRICE ANR HEADSET!

Flightcom Classic ANR

Based on the Classic 5DX, with similar passive attenuation, upgrades include the deliciously comfortable Confor® foam ear seals and ANR circuitry similar to that employed in the award-winning Denali models, offering an additional 14-18 dB of active noise attenuation. Also available in helicopter version with coiled cable and U174 plug.

Supplied with a Flightcom headset bag.



FC/CLASSICANR

£299.00 F

Flightcom Classic ANR helicopter model

Fitted with coiled cable and US-NATO (U-174) plug

FC/CLASSICANRH

£329.00 F

Flightcom F-20 lightweight headset

The featherweight (under 150 grams!) F-20 is ideal for flightdeck environments and simulator applications where cost may be a major consideration. Electret noise-cancelling microphone on flexible boom and high-fidelity ear pieces with soft cloth-covered foam earpads make the F-20 extremely comfortable for extended wear. Stereo/mono switchable for maximum intercom compatibility.

Supplied with additional foam earplugs for up to 30dB noise protection.

Flightcom F-20 FC/F20

£89.00 F

Flightcom Accessories



Microphone Cover

Foam microphone covers, with "O" ring seal. To suit all Flightcom "Classic" and Denali headsets, but may fit other similar headset types.



Flightcom large microphone cover

FC/MML

£3.50 F

Flightcom small microphone cover, to fit F-20 headset

FC/MMS

£3.50 F

Fleece Headpad

Polar fleece headpad for extra comfort. Fits all Flightcom "Classic" headsets.

FC/FLEECEPAD

£19.95 F

Cloth Ear Covers

Black fleece ear covers for extra comfort. To fit all Flightcom Classic headsets, plus many other similar models, e.g. Pilot, Avcomm, D-C. Note that cloth covers are not recommended for Denali models.

FC/CLCVR

£4.95 H

PTT Gold

Portable PTT switch with velcro strap. Can be used with Flightcom and non-Flightcom headsets and intercoms.

PT300

£19.95 H



Replacement Ear Seals

Gel-filled ear seals seals for improved wearer comfort and to enhanced noise attenuation, to fit Flightcom "Classic" headsets.

Gel Ear Seals - Classic

FC/GELFLO

£14.95 G

Soft leather protein cushion ear seals to fit Flightcom "Denali" headsets.

Ear Seals - Denali

FC/103001900

£27.95 G

BOSE® X ANR Headset

BOSE

Better sound through research®

The traditional headset trade-off is: effective noise reduction or a comfortable fit. Why not have both? Proprietary TriPort® headset technology delivers full-spectrum noise reduction, yet allows for a smaller, lighter headset with 50% less clamping force than most conventional designs. The sheepskin headband and supple ear cushions help provide an exceptionally comfortable, yet secure fit.

The Model X is available in a variety of different configurations for maximum compatibility with intercom and panel installations and the microphone boom may be attached to either ear cup, for left-handed or right-handed operation. Other options include dynamic (low impedance) or electret (high impedance) microphones; panel-mounted power supply or self-contained "in-line" battery control box; straight or curly cable; single (US NATO) or dual plug. The Bose® modular design means that most combinations are easily possible and if your needs change, you can change microphone and cable without the need to replace your headset.

- BOSE® style and quality, with TriPort™ technology
- Lightweight magnesium headband
- Electret or dynamic microphone
- Microphone boom may be attached to either ear cup
- Panel-mounted using 6-pin "LEMO" power and comms connector or in-line battery box power supply with comms connection
- Straight or coiled cable
- Single U-174 (US NATO) or standard dual plug configurations
- Full range of accessories available separately



WEBCHECK
from **£689.95**
CHECK OUR LATEST ON-LINE PRICE



The compact portable control module places controls at your fingertips and Adaptisense™ headset technology enables two AA batteries to provide up to 40 hours of operation, with real-time power status indicator and "smart" automatic shutoff.



Standard BOSE® headset configurations

BOSE031963

Hi-impedance electret mic, battery-box power supply, straight cable, Twin plugs

BOSE031963

£689.95 G

BOSE034649

Hi-impedance electret mic, battery-box power supply, coiled cable, Twin plugs

BOSE034649

£689.95 G

BOSE031964

Hi-impedance electret mic, panel-mounted power supply, straight cable, LEMO connector includes installed wiring harness

BOSE031964

£719.95 G

BOSE034650

Hi-impedance electret mic, panel-mounted power supply, coiled cable, LEMO connector includes installed wiring harness

BOSE034650

£719.95 G

BOSE034651

Hi-impedance electret mic, battery-box power supply, coiled cable, US NATO (U174) plug

BOSE034651

£689.95 G

BOSE034652

Low-impedance dynamic mic, battery-box power supply, coiled cable, US NATO (U174) plug

BOSE034652

£799.95 G

BOSE031970

Low-impedance dynamic mic, panel-mounted power supply, coiled cable, LEMO connector includes installed wiring harness

BOSE031970

£839.95 G



Modular BOSE® microphone & cable assemblies only

You can use your Bose® model X headset in aircraft with different microphone setups or cable connections simply by unplugging one microphone boom & cable module, and plugging in another to suit the aircraft intercom configuration. The following replacement microphone & cable modules are available:

BOSE031995

Hi-impedance electret mic, battery-box power supply, straight cable, Twin plugs

BOSE031995

£169.00 G

BOSE031996

Hi-impedance electret mic, battery-box power supply, coiled cable, Twin plugs

BOSE031996

£169.00 G

BOSE031978

Hi-impedance electret mic, panel-mounted power supply, straight cable, LEMO connector

BOSE031978

£169.00 G

BOSE031979

Hi-impedance electret mic, panel-mounted power supply, coiled cable, LEMO connector

BOSE031979

£169.00 G

BOSE031997

Hi-impedance electret mic, battery-box power supply, coiled cable, US NATO (U174) plug

BOSE031997

£169.00 G

BOSE031998

Low-impedance dynamic mic, battery-box power supply, coiled cable, US NATO (U174) plug

BOSE031998

£269.00 G

BOSE031980

Low-impedance dynamic mic, panel-mounted power supply, coiled cable, LEMO connector

BOSE031980

£269.00 G

BOSE® Accessories

BOSE installed wiring harness

Panel-mount wiring harness terminated in LEMO connector, for aircraft panel installation

BOSE015999

£39.95 H

Microphone cover

Electret mic

BOSEMICCOVER

£6.95 G

Dynamic mic

BOSEMICCOVERDYN

£6.95 G

Soft cushion ear seals

BOSE022243

£33.95 H

Headpad, sheepskin

BOSE032129

£25.95 H

Headset Accessories



AFE Headset Bag

Small, neat and smart, this AFE headset bag in hard-wearing navy blue nylon is the best way to transport and protect your valuable headset without buying a full flight bag or case. There is a padded main compartment for the headset and an external pocket big enough for sunglasses, keys and other essentials. With a little ingenuity you might not need anything else!

AFEHEADSETBAG

£15.95 A



ASE Double Headset Bag

A neat headset carrying case for 2 headsets from ASA, in black nylon offering a little extra protection to your headset with padded sides to protect the main compartments and small pockets for extra carrying space.

ASADOUBLEHEADSE

£24.95 D



Cotton Comfort Covers

100% cotton elasticated ear seal covers that fit over the ear cups of most standard-sized headsets. Designed to absorb perspiration these are perfect for personal protection from ear infections – especially if you are using a ‘shared’ headset. Also protects and extends the life of your headset’s ear seals. Designed for washing and reusing.

Cotton Comfort Cover (White)

EARCOVER

£4.95 F

Cotton Comfort Cover (Black)

FC/CLCYR

£4.95 F



Microphone Cover

Foam microphone covers, with “O” ring seal. To suit all Flightcom “Classic” and Denali headsets, but also fit other similar headset types.

Large microphone cover

FC/MML

£3.50 F

Medi Wipes

Shared and communal headsets can harbour germs & infections. These sterile, medicated wipes, impregnated with Ethanol and Chlorhexidine Digluconate solution will help prevent ear infections and colds from passing between users.

Medi Wipe, drum of 100 wipes

MEDIWIPE

£9.95 E

Headset Converters

Allow standard twin-plug headsets to be used in a single NATO or NEXUS socket, or a single NATO or NEXUS plug headset to be used with a twin-socket installation. Often used to swap headsets between fixed-wing aircraft and helicopters (subject to impedance compatibility).



UK NATO socket to twin plug

ADAPTORNSTP

£34.95 H



Twin socket to UK NATO plug

ADAPTORTSNP

£34.95 H



US NATO (NEXUS) socket to twin plug

ADAPTORNEXSTP

£34.95 H

Twin socket to US NATO (NEXUS) plug

ADAPTORTSNEXP

£34.95 H

UK NATO plug to US NATO socket

ADAPTORNPNEXS

£34.95 H

US NATO plug to UK NATO socket

ADAPTORNEXPUKS

£34.95 H

Intercoms



If the aircraft you fly doesn’t have an intercom, or maybe a 4-seat aircraft has only a 2-place intercom, then a portable intercom can be an excellent and inexpensive solution. A portable intercom may also help with some persistent headset “incompatibility” problems.

Flightcom IISX

A modular two place portable intercom powered by either the supplied 12V “cigar lighter” adaptor or internal 9V PP3 battery, combining low power consumption with high performance. Has a voice activated facility (VOX) with VOX squelch and volume controls and twin jacks, expandable to 4 place with SR4 module.



FC/IISX

£94.95 H



Flightcom SR4 Intercom Expansion Module

An expansion module to convert Flightcom IISX to a 4 place intercom. A single small cable connects the SR4 to the main unit.

FC/SR4/II

£29.95 H



Purchasing a budget headset can be a lottery, but ASA's HS-1 is a good, basic headset which will offer years of reliable service – its one of the few headsets in this price range that we can recommend with confidence. The HS-1 features an electret noise-cancelling microphone on an adjustable wire frame boom, mono/stereo capability with dual volume control, gold-plated plugs, adjustable headband with foam earcups and headband cushion. Ideal as a starter headset, or a cost effective “passenger” headset, the HS-1 has a lifetime (non-transferable) warranty on materials and workmanship.

- Earcups of high-density acoustic foam
- High fidelity speakers
- Electret, noise-cancelling microphone
- Gold-plated microphone and headphone plugs
- High-grade, multi-strand wire improves cable life
- Stereo/mono capability
- Dual volume controls
- Microphone muff
- Adjustable headband
- Quality foam ear seals and light weight add to overall comfort
- Sturdy and reliable - yet very reasonably priced
- Lifetime warranty

ASAH51

£99.95 F

Headset bag upgrade

Add an AFE headset bag to your Peltor or ASA headset purchase for just £5.95 (£15.95 when purchased as a separate item)

AFEHEADSETBAGUPGR

£5.95

**SAVE
£10!**



Peltor headsets offer very good passive noise attenuation, great comfort levels and a clever folding design that allows the ear cups to stow neatly within the headband, saving space in your flight bag. The larger ear cups offer good passive noise attenuation while reducing the “pressure points” on the head which can lead to discomfort. The microphone boom is semi-flexible and the ear cups are foam/fluid filled for better noise attenuation. The 8003, and its 8103 helicopter variant, has a dynamic microphone for compatibility with other dynamic microphone types, while the 8006, and its 8106 helicopter variant, is equipped with an electret microphone.

- All Peltor headsets come with a 12 month warranty
- Adjustable microphone amplifier output
- High levels of passive noise attenuation
- Straight or coiled cable with moulded connectors and stereo/mono switch

Peltor 8003 & 8006 fixed-wing headsets

White ear cups, straight cable and standard twin-plug mic/tels connectors.

Peltor 8003 Headset, low impedance dynamic microphone

PELTOR8003

£149.95 G

Peltor 8006 Headset, high impedance electret microphone

PELTOR8006

£149.95 G



Peltor 8103 & 8106 Helicopter Headsets

Peltor's popular helicopter variants, distinguished by the black ear cups, are supplied with coiled cable and single UK or US-NATO connector.

Peltor 8103 helicopter headset, dynamic microphone with UK NATO plug

PELTOR8103UK

£165.00 G

Peltor 8103 helicopter headset, dynamic microphone with US NATO plug

PELTOR8103US

£169.00 G

Peltor 8103 helicopter headset, dynamic mic, for Robinson R22/R44, US NATO plug

PELTOR8103R2244

£169.00 G

Peltor 8106 helicopter headset, electret microphone with UK NATO plug

PELTOR8106UK

£169.00 G

Peltor Accessories



Peltor Hygiene Kit

Replacement Hygiene kit, includes new ear seals and earcup foam inserts.

PELTORHYGINEKIT

£9.95 G



Absolutely the last word in sunglasses, Serengeti lenses use the finest quality borosilicate optical glass with their exclusive hydrogen firing technology. This has 2 main advantages: the lens colour is fired into the glass, it is not merely a coating, and the lens material is the hardest, most scratch-resistant optical glass available. This means that, properly looked after, Serengeti sunglasses should last a lifetime. Serengeti lenses use their patented Spectral Control® system for improved contrast and comfort, even in the brightest conditions.

Serengeti use 2 types of fast-acting photochromic lenses:

Drivers Gradient lens (DGL) - brown, to minimise transmission of "blue-blur", and with a gradient tint - lighter at the bottom for easier readability of the instrument panel, and a subtle mirror tint for reduced glare.

555 lens - grey-green tint, designed to maximise transmission of yellow/green light for improved colour accuracy, with a light mirror coating for extra glare protection.

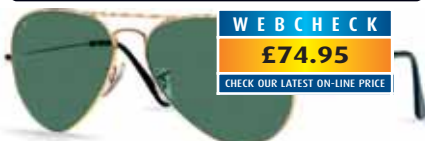
Polarised lenses are also available to order. We don't recommend the use of polarised lenses for flying as they can interfere with the readability of LCD-type displays but they are ideal for driving because of their improved glare-reduction capabilities. Many Serengeti styles are available with their premium polarised technology lenses, please call for more details.



Probably the best-known quality sunglasses in the world. A combination of style and seriously good optical performance.

Ray-Ban sunglasses use the famous G-15 Grey mineral lens for superb all-round capability with good colour neutrality or B15 Brown mineral lens for better definition and haze penetration. APX lenses are lightweight polycarbonate versions with a similar colour to the mineral lens. The Ray-Ban range is huge, and we stock a wide variety of styles in our Manchester and Oxford pilot shops. Space prevents us listing all available styles and options here, visit us or see our website for the complete list, but the following are some of the more popular ones we sell:

The world-famous Ray-Ban Aviator



Aviator small, 52mm, G-15 lens, Black frame RAY3044I2848	£74.95 c
Aviator small, 52mm, G-15 lens, Gold frame RAY3044I0207	£74.95 c
Aviator 55mm G-15 lens, Gold frame RAY3025W3234	£74.95 c
Aviator 58mm G-15 lens, Gold frame RAY3025L0205	£74.95 c
Aviator 55mm G-15 lens, Black frame RAY3025W3235	£74.95 c
Aviator 58mm G-15 lens, Black frame RAY3025L2823	£74.95 c
Aviator 55mm G-15 lens, Gunmetal frame RAY3025W0879	£74.95 c
Aviator 58mm G-15 lens, Gunmetal frame RAY3025W3236	£74.95 c

*please note, while we will always keep a good stock, AFE cannot guarantee to have all frame/lens combinations in stock at all times, please allow 10 days for non-stock items.

Velocity



Velocity Titanium frame, Black finish, DGL lens SER6691	£160.00 D
Velocity Titanium frame, Gunmetal finish, DGL SER6692	£160.00 D
Velocity frame, Gunmetal finish, 555 lens SERGG6692	£160.00 D

Medium Aviator Frame



Medium Aviator frame, 59mm, Black finish, DGL SER6783	£140.00 D
Medium Aviator frame, 59mm, Gunmetal finish, 555 lens SERGG6785	£140.00 D

Imola



Imola, henna (metallic brown) finish, DGL SER6831	£160.00 D
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Hurikanu



Hurikanu, gunmetal finish, DGL SER6668	£120.00 D
Hurikanu, henna (metallic brown) finish, DGL SER6535	£120.00 D

Via Veneto



Via Veneto, gunmetal finish, DGL SER6732	£140.00 D
Via Veneto, henna (metallic brown) finish, DGL SER6733	£140.00 D

Vedi



Vedi, henna (metallic brown) finish, DGL SER6825	£160.00 D
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Other Ray-Ban sunglasses



Large Sport Wrap, 61mm G15 lens, matt black frame RAY3106W3158	£99.95 c
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Sport Metal Wrap, 58mm B15 brown lens, matt brown frame RAY3107W3165	£99.95 c
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Daddy-O Wrap, 59mm, G15 XLT, black frame RAY2015W2581	£79.95 c
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Metal Square, 56mm Gradient Brown/Green lens, brown frame RAY31320141356	£99.95 c
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Metal Square, 59mm Gradient Brown/Green lens, brown frame RAY31320141359	£99.95 c
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Metal Square, 56mm G15 lens, blue-grey frame RAY313201556	£99.95 c
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Metal Square, 59mm G15 lens, blue-grey frame RAY313201559	£99.95 c
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Sport Metal Rectangle, 59mm G15 lens, gunmetal frame RAY314200459	£99.95 c
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Sport Metal Rectangle, 59mm G15 lens, matt black frame RAY314200659	£99.95 c
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Sport Metal Rectangle, 59mm Brown gradient mirror lens, brown frame RAY3142014/6E59	£99.95 c
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Predator Rectangle, 56mm G15 lens, gunmetal frame RAY314700456	£99.95 c
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Predator Rectangle, 59mm G15 lens, gunmetal frame RAY314700459	£99.95 c
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Predator Rectangle, 56mm G15 lens, brown frame RAY314701456	£99.95 c
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Predator Rectangle, 59mm G15 lens, brown frame RAY314701459	£99.95 c
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Flex Leather II, 57mm G15 lens, gunmetal frame RAY314100457	£99.95 c
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Flex Leather II, 60mm G15 lens, gunmetal frame RAY314100460	£99.95 c
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Olympia, 59mm G15 lens, gold frame RAY311900159	£99.95 c
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Olympia, 59mm G15 lens, gunmetal frame RAY311900459	£99.95 c
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Olympia, 62mm G15 lens, gold frame RAY311900162	£99.95 c
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Arista Gold frame, G-15 lens, 55mm RAY3309001	£99.95 c
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A good quality timepiece is an essential part of any pilot's kit. Priorities when choosing a watch for flying should include an easily-read face and a clearly visible second hand. We have chosen from 2 outstanding ranges of watches, which offer all the functionality required, with style and quality you can take for granted.

WEBCHECK

£185

CHECK OUR LATEST ON-LINE PRICE

Seiko

Tough, military-style, rugged, performance-oriented features and no-nonsense clarity marks the Seiko watches out as timepieces for a serious aviator who values functionality and durability over fashion.

A. Seiko SNA027P1 Alarm Chronograph

Based on the popular Seiko military pilot's watch

- Chronograph
- Alarm
- Stainless steel case
- Green webbing strap
- Green dial with Lumibrite detail
- Date window
- 3 hands
- Curved glass
- 200m water resistant

SEIKOSNA027

£185.00 F

B. Seiko SNA139P1 Chronograph

Similar to the SNA027P1 but with Titanium case & strap.

- Chronograph
- Alarm
- Titanium case & strap
- Black dial with Lumibrite detail
- Date window
- 3 hands
- Curved glass
- 200m water resistant

SEIKOSNA139

£195.00 F



WEBCHECK

£195

CHECK OUR LATEST ON-LINE PRICE

Revue Thommen

Watches with a true aviation heritage. Revue Thommen have been producing very high quality timepieces since 1853, and in particular producing timepieces for the aviation industry since about 1920. Apart from wristwatches, Revue Thommen also produced mechanical clocks for airliner panels, including Airbus Industries. Today, the Revue Thommen name is still associated with the very highest standards of watchmaking, possibly only Breitling can claim an aviation heritage of a similar class.



The Revue Thommen Airspeed



The famous "Airspeed" face (derived from the classic airspeed indicator style) is both elegant in line, and outstandingly clear to read. Models are available with quartz movements or the famed Revue Thommen self-winding automatic movement.

A. Airspeed Classic

Timeless elegance, with the classic Revue Thommen automatic self-winding movement. Black or blue face, stainless-steel case with either stainless-steel strap or colour-matched leather strap. Antireflective sapphire crystal glass. Sweep second hand; date displayed by fourth hand (red arrow). Diameter 37.5mm, water resistant to 10 bar.

Black face, black leather strap

RT160052537

£549.00 F

Blue face, blue leather strap

RT160052535

£549.00 F

Black face, stainless-steel strap

RT160052137

£599.00 F

Blue face, stainless-steel strap

RT160052135

£599.00 F

B. Airspeed Chronograph Quartz

Similar to "Flyback" design, but with sports-watch styling with rotating "divers" bezel in titanium case & strap, antireflective sapphire crystal glass, Sweep second hand & 3-dial chronograph with date window. Quartz movement. Diameter 37.5mm, water resistant to 10 bar.

Black face, titanium case & strap

RT160019197

£599.00 F

Blue face, titanium case & strap

RT160019195

£599.00 F



C. Airspeed Chronograph Flyback

Revue Thommen's superb self-winding movement. 3-dial chronograph functions, sweep second hand with flyback function and day-date windows. Stainless steel case with antireflective sapphire crystal glass and mineral glass back. Diameter 42.5mm, water resistant to 5 bar. A classic wristwatch to last a lifetime.

Black face, stainless steel case & strap

RT160816137

£1749.00 F

Blue face, stainless steel case & strap

RT160816135

£1749.00 F

Clothing Corporate & Uniform



We can provide top-quality crew clothing in any quantity at competitive prices. Items can be personalised with company logos by arrangement. Please call us to discuss your requirements.

Pilot's epaulettes



The ubiquitous gold or silver rank insignia, as specified by most major and minor airlines and operators. Made in heavyweight black cotton base with gold or silver braid and standard (½in) or narrow (¼in) width bars.

1 bar epaulette gold

1BAREPP £9.95 D

1 bar epaulette silver
1BAREPPSILVER £9.95 D

1 bar epaulette gold, narrow bars
1BAREPPNARROW £9.95 D

1 bar epaulette silver, narrow bars
1BAREPPNARROWSIL £9.95 D

2 bar epaulette gold
2BAREPP £10.95 D

2 bar epaulette silver
2BAREPPSILVER £10.95 D

2 bar epaulette gold, narrow bars
2BAREPPNARROW £10.95 D

2 bar epaulette silver, narrow bars
2BAREPPNARROWSIL £10.95 D

3 bar epaulette gold
3BAREPP £11.95 D

3 bar epaulette silver
3BAREPPSILVER £11.95 D

3 bar epaulette gold, narrow bars
3BAREPPNARROW £11.95 D

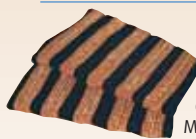
3 bar epaulette silver, narrow bars
3BAREPPNARROWSIL £11.95 D

4 bar epaulette gold
4BAREPP £12.95 D

4 bar epaulette silver
4BAREPPSILVER £12.95 D

4 bar epaulette gold, narrow bars
4BAREPPNARROW £12.95 D

4 bar epaulette silver, narrow bars
4BAREPPNARROWSIL £12.95 D



5-bar novelty epaulettes

Be the talk of the airfield bar. Astronaut? Test pilot? Steely-eyed, square-jawed sky-hero? Made to the same standards as the "official" epaulettes but with 5

narrow-width gold bars. Wear them and see who notices!

5BAREPP £13.95 D

AFE pilot's wings

The classic "pilot's wings" available in gold and silver wire embroidery with central aeroplane motif, or in two sizes of metal "pin-on" enamelled design. Made to our design by a respected manufacturer of insignia.



Handmade AFE wire wings

WINGSWIRE £10.95 A

Enamel metal wings, small (25mm)

WINGSBADGE £3.99 A

Enamel metal wings, medium (45mm)

WINGSBROOCH 4.99 A

Airline pilot shirts

Made by a major UK manufacturer to top-quality airline specification, this shirt beats most of the designs we've tried and we doubt you'll find a better quality pilot



shirt at anything like

this price. Featuring two button-down breast pockets, one incorporating a pen pocket, button-down epaulettes, square cut hem and long or short sleeves. Available in white easy-care poly-cotton. Sizes 14-18½

Long sleeve pilot shirt
WLS(+ size) £17.95 E

Short sleeve pilot shirt
WSS(+ size) £17.95 E

Ladies airline pilot shirts

The same quality pilot shirt in ladies sizes and fittings. Identical to the gents shirt in quality and features, but fitted for women. Available in white easy-care poly-cotton. Sizes 12½-15½



Long sleeve ladies pilot shirt

WLSLADIES(+ size) £17.95 E

Short sleeve ladies pilot shirt
WSSLADIES(+ size) £17.95 E

Airline pilot trousers

Standard uniform-specification plain-fronted trousers in black polyester/cotton with half-lining for neatness and comfort. Standard issue for airlines and corporate users.

Available in gents waist sizes 28-44, short, regular and long leg and ladies sizes 8-18, regular and long length.

TROUSER(+ size + length) £29.95 F



CLOTHING SIZES MEN'S WEAR

Comparison tables between various clothing size standards to help you select the size that fits you:

Sweaters

British	37-38		38-40		41-42		43-44	
Continental	94-97		99-102		104-107		109-112	
USA	38		40		42		44	

Shirts

British	14	14.5	15	15.5	16	16.5	17	17.5
Continental	36	37	38	39	41	42	43	44
USA	14	14.5	15	15.5	16	16.5	17	17.5

Trousers

Short length	29"/74cm
Standard Length	31"/78cm
Long Length	33"/84cm

Chest Sizes Jackets & Jumpers

Jacket	Small	Medium	Large	X Large	XX Large
Jumper	36/38	40/42	44/46	48/50	52/54

CLOTHING SIZES LADIES WEAR

Dress Sizes

British	10	12	14	16	18	20	22
Continental	8	10	12	14	16	18	20
USA	40	42	44	46	48	50	52

Shirt/Blouse Sizes

Collar	12	12.5	13	13.5	14	14.5	15	15.5	16
Chest	30	32	34	36	38	40	42	44	46
UK Size	8	10	12	14	16	18	20	22	24

Made to the highest standards for our most demanding corporate customers, the AFE clothing range combines quality and style, with a practical functionality borne of years of "in-service" experience. We do not use seconds or offcut materials, and do not sell "end of line" garments, all AFE clothing is "first-quality" manufacture and materials.



AFE Aircrew Jacket

The UK's favourite flying jacket was originally designed and produced for the requirements of one of the UK's largest professional flying training schools, and the design is still preferred by many PPL and professional training schools today. Over the years we have made various improvements which keep our design well-ahead of the competition, the latest version features:

- High-tech Thinsulate™ interlining material for warmth without bulk
- Made in navy blue showerproof "peached" cotton for smart appearance and quality feel
- Zipped internal pockets for extra security
- Hidden rear pocket for hi-viz vest
- Epaulettes with Velcro fastening
- Zipped multipurpose sleeve pocket with pen holders
- 2 open external pockets
- Short cut collar
- Elasticated waistband and cuffs
- Machine washable

Our customers just keep coming back for more, we can't think of a better recommendation than that!

Available in sizes S, M, L, XL, XXL and XXXL

JACKET(+ size)

£54.95 D

NATO Sweater

A long time favourite of both military and civilian pilots (plus public services and other aviation personnel), this 100% wool ribbed sweater features shoulder and elbow patches, velcro-fastening shoulder epaulette holders and arm-mounted pen pockets. Coloured navy blue, in V-neck or Crew-neck designs, these hardwearing sweaters are the aviation uniform standard and available in chest sizes 34" to 50".

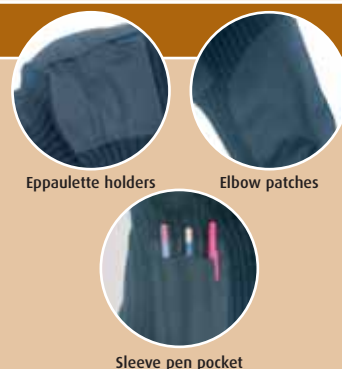
- Standard 'NATO' uniform design sweater
- Durable 100% wool (beware of cheaper wool/acrylic copies)
- Elbow and shoulder patches
- Epaulette holders
- Sleeve pen pocket

V Neck
Nato Sweater V/N(+ size)

£32.95 D

Crew Neck
Nato Sweater C/N(+ size)

£32.95 D



Clothing & Accessories



Beany Hat

An essential part of any glider pilot's kit, the good old beany hat protects the wearer from the effects of the sun in the "greenhouse effect" of a glider cockpit but will work just as well in any aircraft with a bubble canopy. Also useful when gardening, cleaning the car, watching cricket, walking the dog...

Available in standard and deluxe (lined) styles

BEANYLINED (+ size) **£5.50 H**

BEANYUNLINED (+ size) **£4.30 H**



High-Visibility Vest

Essential for airside access at most airfields these days, and a sensible precaution even where not mandatory. Don't get caught out (or run over) with the AFE hi-viz vest. In yellow dayglo material and reflective strips to EN-571 specification, the AFE hi-viz vest meets current CAA requirements. Generously sized to fit over even bulky outdoor clothing, the AFE hi-viz vest folds down neatly into the AFE aircrew jacket's purpose-designed pocket. Also available with "AIRCREW" overprint on the back.

AFE Hi-Viz vest
DAYGLOVEST **£8.95 C**

AFE "Aircrew" Hi-Viz vest
DAYGLOAIRCREW **£9.95 F**



Peltor Kids Ear Defenders

Lightweight and comfortable ear defenders from Peltor, which feature a padded headband, soft ear cups sealing rings and weigh just 140g/5oz, yet offer noise attenuation of around 26dB – better than some aviation headsets! Invaluable for kids in and around light aircraft and at air displays, motor races etc.

PELTORKIDEARDEF **£15.95 G**

Leathergoods



A. AFE Leather Licence Cover

Celebrate the achievement of attaining your Private Pilots Licence by protecting it in one of AFE's handsome leather covers. With gold-block lettering, brass corners, inside pockets and button closure this is a discreet yet effective way of letting the world know that you have 'arrived'. Available in Dark Blue, Black and Burgundy (availability and exact colour shade may vary).

PPLCOVERBLUE **£13.95 D**

PPLCOVERBLACK **£13.95 D**

PPLCOVERBURG **£13.95 D**



B. AFE Leather Professional Licence Cover

A leather licence cover designed specifically for the professional pilot's licence, incorporating gold-block lettering, brass corners, inside pockets and button closure plus 'cut away' to display holder's name. Available in Dark Blue, Black and Burgundy (availability and exact colour shade may vary).

PROFCOVERBLUE **£15.95 D**

PROFCOVERBLACK **£15.95 D**

PROFCOVERBURG **£15.95 D**



C. AFE Leather Logbook Cover

Protect and enhance your valuable flying logbook with a real leather cover. Made from hand-selected leather hides, these covers have gold-blocked lettering, brass corners and button closure, together with inside pockets. Available in Dark Blue, Black and Burgundy (availability and exact colour shades may vary).

LOGBOOKCOVERBLUE **£15.95 D**

LOGBOOKCOVERBLACK **£15.95 D**

LOGBOOKCOVERBURG **£15.95 D**

D. AFE Leather Professional Logbook Cover

Designed to fit the AFE professional logbook and many 'generic' professional logbooks. Made from hand-selected leather hides, these covers have gold-blocked lettering, brass corners and button closure, together with inside pockets and pen holder. Available in Dark Blue, Black and Burgundy (availability and exact colour shades may vary).

PLOGCOVERBLUE **£17.95 D**

PLOGCOVERBLACK **£17.95 D**

PLOGCOVERBURG **£17.95 D**



Leather Clothing

The Original RAF Irvin Flying Jacket



Leather flying gloves

Top quality flying gloves crafted from supple ivory kid leather to the classic RAF design, these gloves will protect the hands from cold, flash fire etc, and provide grip and fine touch sense. Ideal for open-cockpit aircraft or high altitude unheated cockpits such as gliders, or aerobatic pilots with sweaty palms!

Sizes 6 to 10½ in half-sizes.

Leather flying gloves

F/G (+ size)

£29.95 E



Flying goggles

Made to the RAF Battle of Britain MK8 flying goggles specification, these flying goggles have angled, laminated glass lenses for safety and eye protection, brown leather padding and grey enamelled frames with an elastic adjustable headband. Perfect for open-cockpit flying.

MK8GOGGLE

£34.95 H

Only one company has the right to make and sell a jacket and call it the Irvin. A truly authentic reproduction of the original design, including the authentic IRVIN label -accept no substitutes!

Made from top-quality heavyweight sheepskin in brown matt finish with long honey-coloured wool lining and brown cowhide bindings. Perfect for open cockpit aircraft, open-top sports cars, motorcycles, or just for looking cool while staying warm! Overlock stitched seams in brown cowhide, heavy duty brass fittings and buckles, the Irvin is synonymous with quality and will take the knocks and come back looking even better. This jacket will just get better and better the more you wear it and what's more, you can pass it down to your descendants! The original Irvin did not have pockets, but modern versions are normally supplied with 2 side-entry pockets. Authentic versions without pockets can be supplied on request.

Sizes 36 - 52, available to-order with regular or long fit.

AL/IRVIN

£449.00 H

RSH Leather Pilot's Jackets

Photographs do not do these superb jackets justice. Made from finest black cowhide, with heavy cotton drill lining, the quality and workmanship of these jackets is obvious as soon as you see them, but you wouldn't normally expect such quality at this price.

RSH One



RSH Three



The RSH One

The RSH One features a stud-fastened collar, epaulettes with Velcro securing, a slot for ID on the left breast, a useful multipurpose arm pocket, storm flap over the main zip fastening, button fastened front pockets and 2 zip-secured internal pockets for loose items or valuables. Lined with smart blue-grey cotton drill.

Available in sizes 38-48.

RSH1(+ size)

£249.00 H

The RSH Three

The RSH Three features a stud-fastened collar, epaulettes with Velcro securing, a slot for ID on the left breast, pen-pocket on sleeve, front zip fastening, zip-fastened front pockets and 2 zip-secured internal pockets for loose items or valuables. Lined with smart red cotton drill.

Available in sizes 38-48.

RSH3(+ size)

£249.00 H

We searched long and hard for a range of soft flight cases that we would be happy to endorse as the best available. They need to be practical, with the sort of commonsense, useful features somebody who uses a bag in-flight will appreciate. They also need to be well-made and properly finished, with materials chosen to give the best performance and durability at a sensible price. In the end, the only answer was to have them made to our own specifications.

AFE Soft Flight Case

The original, our most popular soft-sided flight case

Designed by AFE with the GA pilot in mind, the main compartment is large enough to hold a number of flight guides, GPSs and associated navigation paraphernalia, and is easily accessed with the whole top folding back and re-fastening easily with a double zip closure. There is a large exterior zipped pocket for documents etc on the front, two chart pockets on the back (designed with quick access in mind), and at each end there is a zipped compartment large enough to take any headset we sell. Made from durable Polyester fabric, with a reinforced base and detachable shoulder strap.

£39.95



Meets current DfT airline carry-on bag size restrictions

- Main compartment large enough to hold headsets, flight guides, navigation equipment, GPS, charts etc.
- Closes with double zip and Velcro fastening
- Exterior zipped pocket for Documents etc.
- Two external open-topped pockets – easy access in-flight
- External end-pockets, zipped closing, each large enough for a headset
- Velcro fastening carry handle with comfort grip
- Detachable shoulder strap
- Durable, water resistant heavyweight Navy blue fabric, reinforced base

Measures 47 x 32 x 20cm (LxHxW)

AFE Soft Flight Case
AFEFLIGHTCASE2

£39.95 A

AFE Touring Flight Case

£59.95



Everybody seems to like the AFE Soft Flight Case, but some of you wish it was just a little larger, with perhaps just a tad more room in the headset end-pockets. You explained that making the main compartment slightly bigger would help with all the stuff you need to carry on longer trips, or simply that making the main compartment long enough to take a standard 16" navigation scale lying flat, rather than diagonally, might be nice. You said that putting an organiser-style document pocket down one side would be handy, and while most of you love the smart navy blue of the AFE Soft Flight Case, there are some of you for whom only Black will do. We've also added a detachable GPS/Transceiver case to the side, because we think it's a great idea.

Amazing value for money at just £59.95. Compare it with the alternatives, see what we mean!

- Large main compartment, long enough for 16" scale rule. Reinforced base and wrap-under handle for strength & security. Double-zip and Velcro closure to the top for easy access.
- Two enlarged end-pockets, comfortably big enough for the bulkiest ANR headset with room to spare.
- Zip-closure document organiser pocket.
- Side zip closure pocket and separate, detachable GPS/Transceiver carry case.
- 2 fast-access map pockets.
- Detachable shoulder strap.
- Durable, water resistant heavyweight Black polyester fabric.

Size 55 x 30 x 28cm (LxHxW)

AFE Touring Flight Case
AFEFLIGHTCASE1

£59.95 A

AFE Headset Bag

Small, neat and smart, AFE's headset bag is the best way to transport and protect your valuable headset without buying a full flight bag or case. There is a main compartment for the headset, an internal pouch for ear and mic covers and an



external zip pocket big enough for a chart, checklist, kneeboard etc.

AFEHEADSETBAG

£15.95 A

AFE GPS/Transceiver Carry Case



Sized to fit the latest range of Garmin handheld GPS, or ICOM radios, the AFE GPS/Transceiver Carry Case is ideal for protecting your vital, and expensive, hardware when not in use. Looks good, too, in the same tough Black polyester fabric as our Touring flight case.

Size 24 x 10 x 5cm

AFE GPS/Transceiver Carry Case

AFEGPSBAG

£15.95 A

Other small bags

ASA Headset Bag

These headset carrying cases from ASA offer a littler extra protection to your headset with padded sides to protect the main compartment(s) and small pockets for extra carrying space.



ASA Single Headset Bag

ASAHEADSETBAG

£18.95 D

ASA Double Headset Bag
ASADOUBLEHEADSE

£24.95 D

The AFE Professional Leather Pilot Case

NEW



**ONLY
£99.95**

Meets current DfT airline
carry-on bag size restrictions



Absolutely the last word in leather pilot cases, the AFE Professional Pilot Case has been developed after extensive consultation with our customers and professional pilots. You told us that leather pilot cases are more durable than vinyl ones, so if your case is going to work long and hard, there is only one choice of material but that in the end, it's usually the handle that fails before the rest of the bag.

Constructed to our own design from very high quality black, burnished split calf leather, the AFE Professional Pilot Case design features external carrying handle straps which cradle the bag, the better to support a heavy load of contents. This is one bag where the handle definitely won't fall off! With 2 end pockets for bits & pieces and combination locks for the top, together with a space for ID or luggage tag, this is a most distinctive, good-looking, yet ultimately extremely practical pilot case.

- Our highest quality pilot case
- AFE branded
- External carrying handles
- 2 end pockets, one with secure spring-clip, one with Velcro fastening for easy one-handed access
- Internal document storage
- "Dark chrome" metal fittings
- Internal pen loops and oddments storage
- Visible ID pocket
- 47cm (L) x 34cm (H) x 20cm (W)



The AFE Professional leather pilot case.
LCS

£139.95

INTRODUCTORY OFFER
Buy this bag now for **£99.95**
save £40!

"Courier" soft cases

The Courier range of soft bags has been very popular with our customers for a long time, because of their combination of practicality and value. All the Courier cases we stock are also large enough to carry a standard laptop computer.

Courier "Mini" Flight Case

Our lowest-priced flight case design, the Courier Mini has a neat expandable section and will carry more than you might expect. With lots of small storage pockets & compartments, this is a very versatile design and deservedly popular.

COURIERMINIFLG

£22.95 D



Meets current DfT airline carry-on bag size restrictions

Courier "Double Headset" Flight Case

So-called because the main compartment is big enough to carry 2 full-size headsets (or a laptop), yet the whole bag is no bigger than a briefcase. The soft-sided design makes it easy to stow when space is tight, but the reinforced sides and corners protect the contents against knocks and scrapes.

COURIERDOUBLEHE

£32.95 D



Meets current DfT airline carry-on bag size restrictions

Courier "Soft" Pilot Case

Similar in size to a conventional square pilot case, but the soft-sided design makes this both lighter, and easier to stow in confined spaces. Access to the main compartment is from the top, similar to a conventional pilot case, secured by two snap-on clips.

COURIERSOFTFLIG

£42.95 D



Meets current DfT airline carry-on bag size restrictions

PC-2 Vinyl Flight Case

A vinyl rigid-sided flight case which is strong and smart enough not to look like a budget item but surprisingly inexpensive. Ideal when you really need to protect the contents from knocks and bruises, and space is not at too much of a premium. The main compartment holds airways manuals or headsets with ease and is fitted with 2 combination locks. The PC-2 case has rounded edges and end pockets with velcro fastening,

46cm (L) x 34cm (H) x 20cm (W)

PC2

£44.95 D



Meets current DfT airline carry-on bag size restrictions

Leather Pilot Cases

LC2 High-quality Leather Flight Case



Meets current DfT airline carry-on bag size restrictions

Our long-term most-popular leather case. Strong and durable for a hard-working life! The main compartment has a reinforced base and has plenty of room for airways manuals or headsets, kneeboards, flight guides, transceivers, GPS etc. There are feet and corner bracing to add extra protection, the main compartment features combination locks for security and there is a lockable front pocket. Available in black or burgundy top grain pigskin.

45cm (L) x 33cm (H) x 24cm (W)

LC2 in black

LC2

£74.95 F

LC2 in burgundy

LC2BURG

£74.95 F

LC3 Deluxe Leather Flight Case

A first class pilot case in excellent quality leather with subtle features such as the smart rolled-top design, that set it apart from a standard leather pilot case. Constructed to the highest standards inside and out its smart appearance is complemented by a quality interior lining, durable design and quality fixtures and fittings. Combination locks to the main compartment, 2 end pockets and a lockable front folio pocket, accessible from outside, or via the main compartment.

46cm (L) x 33cm (H) x 21cm (W)

LC3



Meets current DfT airline carry-on bag size restrictions

£89.95 F

LC4 Superior Leather Flight Case

Made from the finest Dakota leather, and available in black or burgundy, this is an exceptional quality case which will stay looking smart for a long time. The deep lustrous leather, and high-quality interior suede-like lining mark this out as something a cut above the regular designs, and the lockable front folio pocket with access from the main compartment offers practical document storage as well as great looks.

46cm (L) x 34cm (H) x 21cm (W)

LC4 in black

LC4

£99.95 F

LC4 in burgundy

LC4BURG

£99.95 F



Meets current DfT airline carry-on bag size restrictions



Other Pilot Cases

Aluminium Flight Case

A smart, durable and extremely strong aluminium case that is just that little bit different – one for the pilot who wants to stand out in a crowd. Almost indestructible in normal usage, the aluminium flight case offers the ultimate protection to its contents, and yet is surprisingly practical with enough space for the usual paraphernalia, accessed through the clamshell-style twin-hinged top.

46cm (L) x 35cm (H) x 21cm (W). Supplied with detachable trolley.

Aluminium Case with trolley

ALUMINIUMFC&TRO

£89.95 D



Meets current DfT airline carry-on bag size restrictions

Jeppesen Airline Flight Case

Developed by Jeppesen for a major international carrier, designed specifically for carrying up to four airways manuals, with handles that run under the flight case and are longer than standard. Made in black leather with a key lock. End pockets are included for storing paperwork or licences etc.

49cm (L) x 35cm (H) x 22cm (W).

JEPPAIRLINEFC

£129.95 F



Meets current DfT airline carry-on bag size restrictions

LED LENSER torches

LED LENSER produce a range of extremely high quality torches using ultra-efficient LED (light emitting diode) technology to replace conventional bulbs. LEDs are far more efficient than conventional bulbs, resulting in much greater light output for a given power input, longer battery life and massively increased operating lifetime. The LEDs used in this range of torches consume about 1 Watt each, and convert over 90% of this energy to light, compared to conventional torch bulbs which convert typically only 5% to light. The expected operating life of the LEDs is 100,000 hours, compared to 20-100 hours for a conventional torch bulb, and battery life on a set of regular alkaline cells is typically 50 hours continuous use.

The LED LENSER range of torches are manufactured in high quality silver anodised aluminium, with gold-plated electrical contacts and rubber moisture seals, and are supplied in smart presentation boxes.

LED LENSER V2 Aviator

The Aviator torch has been specially developed for pilots, and is equipped with 5 high-efficiency ultra-white LEDs for astonishingly bright, clear illumination for walkrounds (or the trip back from the pub) and one red LED for night vision in-flight. Colour-coded red and silver buttons select the required colour, the red button has a smooth surface where the "white" button is textured, so they are easy to determine in the dark. Compact size, 100 x 25mm, powered by 3 AAA alkaline cells. Supplied in presentation box with belt pouch and lanyard.

LEDV2AVIATOR

£39.95 F

LED LENSER V2 TL-Tactical Light



A substantial hand-held torch, the latest high-power 3-Watt LED chip and prism reflector system providing a sharply focused beam of intensely bright, white light. This is probably the best general-purpose or emergency torch we've found to-date. Powered by 3 C-cell alkaline batteries for high-brightness, long-duration (up to 50 hours on one set of batteries) use.

LEDV2TL

£69.95 F

LEDLENSER 360° Flex Light

A high-quality LED light source, with a 480mm "Gooseneck" flexible tube, allows you to direct the bright white light wherever you need it, even in confined spaces. Ideal as an inspection lamp, or a navigator's light.

LED360FLEX

£34.95 F

LEDLENSER V9 Micro Lenser



The smallest LED torch we sell, a keyring-sized (50mm x 9mm diameter) pocket light that will outlast and outperform most miniature conventional torches.

LEDV9MICRO

£12.95 F

LED Lenser "Frogman"



This brightly coloured, waterproof torch is equally at home at 60 metres depth or on dry land. With the added 8" signal cone, it makes an excellent marshalling torch for night operations.

LEDFROGMAN

£39.95 F

Orange 8" signal cone to convert into a marshalling wand

LEDFROGMANCONE

£2.95 F

BINOCULARS

Whether you're checking-out an aircraft on the other side of the airfield, or spending a night at the opera, a pair of quality folding binoculars is a useful thing to have in your pocket or bag. These small binoculars offer excellent quality at a modest price.

- Roof prism system
- Multi-coated lenses for clarity and sharp focus
- Ultra-compact & lightweight
- Rubberised grip and collapsible rubber eyecups
- Supplied with deluxe carrying case with belt attachment, neck strap and cleaning cloth.
- Horizon binoculars

GELBIN041

£19.95 F



Maglite torches



The original and genuine article, Maglite torches are renowned worldwide for quality and reliability. We also stock spare bulbs in blister packs of 2.

The Solitaire model is small enough to fit on a key ring so you need never be without it.

Maglite Solitaire Torch
MAGLIGHTSOLITAIR

£11.95 D

Maglite Solitaire Bulb Set
SOLITAIRBULB

£3.50 D

The Combo model is the ideal size for outside and in-cockpit use, and the accessories pack contains coloured lenses, carrying strap etc.

Maglite Combo Torch
MAGLIGHTCOMBO

£19.95 D

Maglite Combo Bulb Set
COMBOCULB

£3.50 D

The headband allows you to use your torch 'hands free'

Maglite Headband
MAGLIGHTHEADBAND

£4.95 D

ASA Flight Light pen



See what you write - even at night! Saves using an overhead light in low light conditions, the green LED

helps to preserve night vision and the torch cap acts as a temporary light. The positive on/off light switch conserves battery life and the ballpoint pen has a rubber grip for comfortable writing. With clip for easy and secure storage, this is an essential addition to any pilot's flight bag.

ASALIGHTPEN

£7.95 D

Light sticks



Light sticks are plastic tubes filled with two chemicals separated by a thin membrane. Bend the tube and the membrane breaks, mixing the chemicals which give off a useful amount of light, lasting for up to 8 hours. Keep one in the bottom of your flight case. With a shelf life of several years, you should never again need to worry about being

left in the dark.

Lightstick White
LIGHTSTICK1

£2.95 D

Lightstick Blue
LIGHTSTICK2

£2.95 D

Lightstick Yellow
LIGHTSTICK3

£2.95 D

Survival Equipment

RFD Pilot 4/6 Person Liferaft

The RFD Pilot Liferaft has been specifically designed for use in small aircraft where size and weight is a particular concern. Ideal for offshore use in aircraft with up to 6 person capacity. The design features a lightweight, square-shaped, single-chamber design in yellow single-ply, polyurethane coated nylon. It has a 4-6 person capacity and features a self-erecting high-visibility fluorescent canopy with Velcro seal to secure the entrance against the elements. Under-floor water pockets generate stability and there is a boarding strap at the entrance.

- internal and external lifelines, rescue line and quoit,
- sea anchor emergency pack
- top-up pump bailer
- hand flares sea-sickness tablets
- paddle signal mirror
- leak stoppers safety knife
- Inflation time 11 seconds
- Self-erecting canopy
- Boarding strap and seal-able entrance
- Packed in a soft valise
- Full equipment and emergency package included
- Packed dimensions 30 x 60 x 16cm, weight 12kg



RFDPILOT

£1199.00 H

AFE GA-2 Aircrew lifejacket

We've always been particular about safety equipment here at AFE, so when we found a lifejacket that exceeded the performance of our top-selling GA-1 lifejacket, we were interested. When we found that it cost less than the GA-1 we were sceptical. When we saw it, we were convinced!

The NEW AFE GA-2 lifejacket offers a class-leading 175N of buoyancy. The CE standard for lifejackets, EN396, specifies a minimum 150N of buoyancy, so this exceeds the spec. (and the GA-1) by over 15%. The GA-2 retains the internal seams of the GA-1, so reducing the risk of chafing, and the durable outer stole in two-tone blue & red covers a high-vis bladder with retro-reflective tape for improved night visibility. Heavy-duty webbing straps with non-magnetic fittings, a detachable crotch strap, sea light, whistle and sprayhood are supplied as standard.

Features:

- Constructed to EN396 specification, fully tested & approved
- Increased buoyancy, 175N
- Manual inflation
- Top quality webbing and fittings, tough abrasion-resistant outer cover
- Oral top-up tube
- Sea-light
- Detachable crotch strap
- Sprayhood (reduced risk of water ingestion, and reduced heat loss)

AFE GA-2 aircrew lifejacket
GA2

£85.95 F

Also available "Lite" without crotch strap and sprayhood pack, the GA2 Basic version offers the improved GA-2 lifejacket performance, without the extra accessories, for occasional use.

AFE GA-2 basic aircrew lifejacket
GA2BASIC

£69.95 D



Survival Equipment

Fastfind PLB & Fastfind Plus PLB



The McMurdo Fastfind and Fastfind Plus are Personal Locator Beacons using the 406 MHz Cospas/Sarsat system for fast, reliable location even in adverse conditions such as mountainous terrain. The Fastfind is accurate to approximately 3nm the Fastfind Plus has an inbuilt GPS receiver and broadcasts a GPS position fix with the distress message. The advantage of the 406MHz frequency operation is that the designated search area is greatly reduced, approximately 30 sq km compared to the 1200sq km required search area for a position fix obtained from a beacon operating on 121.5 MHz.

With a GPS location fix broadcast from the Fastfind Plus, search & rescue can be directed even more quickly to your aid. We strongly recommend the Fastfind Plus PLB for all applications.

Fastfind Plus 406 MHz PLBs can be registered with either the Coastguard at Falmouth, or RAF Search & Rescue at Kinloss.

Fastfind 406MHz PLB

FASTFIND

£309.95 F

Fastfind Plus, 406MHz GPS PLB

FASTFINDPLUS

£479.95 F



Tron AQ-4 Strobe Light



A handheld high power xenon strobe light that is visible for around 10km/6nm in clear conditions even at the surface (air to ground range should be greater). Waterproof and provided with a 60cm Velcro band, this is a lightweight and practical personal location light beacon which operates on a 1.5v alkaline battery.

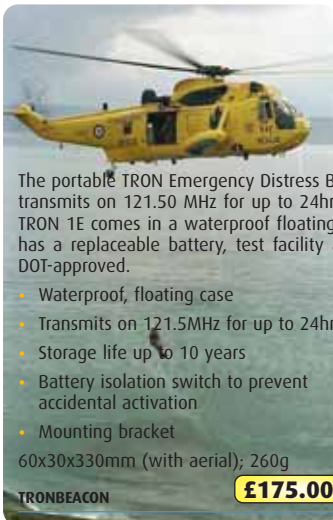
- High intensity Strobe
- Operates for up to 12 hours
- Manual activation

160mm long x 45mm diameter, 130g (without battery)

TRONAQ4

£64.95 F

Tron 1E MkII ELT



The portable TRON Emergency Distress Beacon transmits on 121.50 MHz for up to 24hrs. The TRON 1E comes in a waterproof floating case, has a replaceable battery, test facility and is DOT-approved.

- Waterproof, floating case
- Transmits on 121.5MHz for up to 24hrs
- Storage life up to 10 years
- Battery isolation switch to prevent accidental activation
- Mounting bracket

60x30x330mm (with aerial); 260g

TRONBEACON

£175.00 F



Emergency Ditching Bag

A high-visibility (yellow), floating, soft-sided bag, ideal for carrying all your emergency equipment. Easy to grab in an emergency, the closed-cell material gives buoyancy and hi-viz colour aids location. Fill it with the emergency equipment you know you need but hope never to use...

RAPIDITCHBAG

£59.95 G



LIFEJACKET AND LIFERAFT SERVICING

Manufacturers of liferafts and lifejackets recommend regular service and inspection, usually annually. AFE servicing is carried out at a JAR 145 approved facility with overnight delivery and collection and fast turnaround if required.

Lifejacket Servicing to JAR145 from £20.00 plus parts

Liferaft Servicing to JAR145 from £100.00 plus parts

Dynafoam

“94% OF PILOTS INJURED IN
HEAVY LANDING ACCIDENTS HAD
SPINAL INJURY”

- German Safety Study



Dynafoam was selected by
the RAF for it's fleet of Grob
Tutor aircraft, and supplied
in complete seat cushions
by AFE's RD Aviation division

Dynafoam, the energy-absorbent seat-foam material widely used in civilian and military applications, for example the most advanced United States military aircraft. On ejection seats it can absorb tremendous impact forces without placing an extra load on the spine. Unlike standard upholstery foams, Dynafoam deforms at such a rate as to absorb the shock and rebound only slowly after the period of peak acceleration has passed. Dynafoam is not only a market leader in impact absorption but also a comfortable alternative to everyday seating foam.

During extensive testing at the Defence Evaluation and Research Agency, Centre for Human Sciences, Farnborough, compared to normal soft foam Dynafoam was found to “...significantly reduce pilot lumbar spine loads in heavy landings and accidents.” DERA also concluded that “The foam retained its property of reducing spinal loads after four years intensive use in a training glider.” These tests, along with many others, have proven Dynafoam's effectiveness in reducing the risk of spinal damage after a heavy impact/landing and that it will continue to do so after continuous use over long periods of time. In use in thousands of light aircraft worldwide, Dynafoam is constantly being ‘discovered’ for use in new military and civilian applications where there is a risk of heavy spinal loads, such as motor racing, off-road trials, horse riding and a multitude of others.

- **Safety:** Significantly reduces risk of spinal injury in a heavy landing or accident. Made from 50% plant materials for low toxicity - if Dynafoam is exposed to fire or burned, the resulting fumes are directly breathable for sustained periods
- **Physical Properties:** Dynafoam is a lightweight polyurethane elastomer - an all-climate foam that can be used from freezing temperatures up to 300°F. Two standard hardness grades (soft and extra-firm)
- **Comfort:** Dynafoam is a memory foam with slow spring back. It flows to match the contours of the body and reduces sitting fatigue through uniform pressure distribution. The 100% open cell structure allows maximum air circulation to reduce heat build-up
- **Dynafoam is easy to work;** it can be cut with a knife and glued with contact adhesive

Specify Dynafoam for your aircraft seats, we recommend ‘extra-firm’ for the main seat body, with a thin layer of ‘soft’ on the top for added comfort if required. Available in three stock thicknesses, sheet size 410mm x 460mm. Grade is “extra-firm” unless otherwise specified.

We welcome trade and bulk purchase enquiries. Larger sheets are available to special order.



OPTIONS AND ACCESSORIES

Dynafoam cushion pad 12.5mm (1/2") thick - ‘SOFT’ grade

DF05SOFT £22.95 D

Dynafoam cushion pad 12.5mm (1/2") thick - ‘EXTRA-FIRM’ grade

DF05 £22.95 D

Dynafoam cushion pad 25mm (1") thick - ‘EXTRA-FIRM’ grade

DF10 £27.95 D

Dynafoam cushion pad 50mm (2") thick - ‘EXTRA-FIRM’ grade

DF20 £36.95 D

Dynafoam soft cushion pad

Body-hugging, soft, slow deforming ‘Pudgee’ material 12.5mm thick, for laminating to a standard Dynafoam cushion for ultimate comfort and safety in the cockpit.

DF0510L £45.95 D

Dynafoam Cushion Cover

Cushion covers for Dynafoam sheets

Durable cotton covers for Dynafoam sheets. Machine washable with Velcro fastening.

DF/TC £18.95 H

AFE is proud to confirm its continued distributor contract for Irvin-GQ safety parachutes. With many thousands of military and civilian safety parachutes sold worldwide, Irvin-GQ deserves its reputation for innovation, quality and reliability. The Shadow, Silhouette and Seat parachutes are manufactured on the same production line and to the same stringent standards as their highly regarded military safety and recovery systems, giving that assurance of quality and reliability essential with the purchase of safety equipment.

Irvin-GQ Shadow Parachute



The Shadow is a back-type parachute without seat cushion, ideal for use in cockpits with limited headroom such as gliders. Made from heavy-duty fabric, with a packed size of 52 x 32 x 7cm thick, it weighs just 6.8kgs. The 4.8m aeroconical canopy is designed for use in emergency escape assemblies and gives a smooth controlled inflation at high speeds. The canopy is rated for use at all-up weights of 115kg, escape speeds up to 150knots and altitudes up to 12,000ft AMSL. An inflatable lumbar pad is provided for extra comfort. Carrying bag provided.

Irvin-GQ Shadow
GQ/SH

£1030.00 H

Irvin-GQ Silhouette Parachute



The Silhouette has the same canopy specifications as the Shadow, but has an integral seat cushion for extra comfort and a crossover harness. Packed size is 127 x 38 x 6cm thick. Carrying bag provided.

Irvin-GQ Silhouette
GQ/SIL

£1030.00 H

Irvin-GQ Seat type 4000 Parachute

The Seat-type parachute is designed for aircraft that have a bucket seat configuration. Ideal for use in aerobatic aircraft such as Yaks and Chipmunks where this type of seat is installed. The canopy is 4.8m aeroconical and is rated for all-up weights of 115 kg and escape speeds up to 150 knots. A 5.8m aeroconical canopy version is also available to special order. This larger canopy is rated for all up weights of 127kg and bale out speeds up to 200 knots. As used by the Yakovlevs in their 4-ship aerobatic and formation display team, sponsored by AFE.

Irvin-GQ Seat Type 4000 Parachute
MRIGQ1845

£1,200.00 H



Strong Parachutes

Founded in 1960, Strong Parachutes have an enviable reputation for quality and reliability and are a market leader in emergency parachute systems. AFE is delighted to announce its partnership with Strong Parachutes, to provide their high quality products throughout the UK and Europe.

Detailed below are three of the standard safety parachutes required by GA pilots, but variations are available to order. If you have a specific requirement, Strong Parachutes most likely already have the solution, whether it's additional Confor foam cushions to place you higher in the cockpit, a seven-position adjustable harness, or additional pockets for ELTs and Oxygen bottles. Strong parachutes are certified to TSO C23c, category B.

Para-Cushion Back 303



The standard back mounted container, model 303, measures 24" (60 cm) tall by 16" (40 cm) wide by 3" (7 cm) thick and weighs approximately 15 lb. (6.5 kg). The parachute is rated for all up weights of 254 lbs (115Kg) and deployment speeds of up to 150kts.

The Para-Cushion Back is recommended for use in aircraft where headroom is at a minimum.

STRPARABACK303

£1,150.00 H

Para-Cushion Seat 304

The Model 304 is designed to be used in place of a seat cushion. The system's container measures 12" x 16" x 3" thick (minimum). By using an additional Confor foam pad the thickness of the pack may be from 3" to 6" thick depending on the type of airplane and how high the user desires to be in the cockpit. The back pad is only a 1/2" thick, and uses Confor foam padding. The parachute is rated for all up weights of 254 lbs (115Kg) and deployment speed of up to 150kts.

STRPARASEAT304

£1,150.00 H



Para-Cushion Chair 305

Like the Para-Cushion Back 303 except the back mounted container is built to extend from the shoulders of the user to just above the knees. This long design allows the parachute to be packed in a larger area keeping the system at only 2.5" thick. The Confor foam padding throughout the system allows the user to comfortably sustain flight for many long hours.

The parachute assembly is designed to be used in airplanes where your seat is reclined such as a Grob, the rear seat of an Extra, and many others.

The system measures 42" long (105 cm) by 16" (40 cm) wide by 2.5" to 1" thick and weighs approximately 16.5 lb. (7.5 kg), rated for all up weights of 254 lbs (115Kg) and deployment speeds of up to 150kts.

STRPARACHAIR305

£1,150.00 H



Parachute Repacking

AFE can have your parachute inspected and repacked by experienced and fully qualified parachute riggers. As standard, please allow an average of two weeks turnaround time.

PARACHUTEREPAK

£32.50 H

The Skymap family from Bendix/King brings you the precision of GPS moving map navigation technology any time, any place, anywhere. Each model offers the convenience of a compact, portable unit whilst maintaining an inherent installation capability. The incredible mounting versatility of these products allows for either knee, yoke, gimbal, pedestal, panel or rack mounting installation.



Skyforce SKYMAP IIIC

SKYMAP IIIC

The Skymap IIIC series with full colour screen graphics provides the highest standards of map display – even in bright sunlight. The Enhanced Topographical mapping adds extra detail and dimension to the display, making for a realistic moving map presentation with colour-shaded height contours. The standard package includes leg strap, antenna and extension cable, carry case, power data cable and owners manual.

- Panel-mounted or portable
- Full colour moving map navigation in an affordable package
- Comprehensive database with user waypoints and reversible routes
- Six different mounting and installation options
- Autopilot interface 158 x 115 x 65mm, weighs 900g

Skyforce Skymap IIIC SM4000E **£1,225.00 H**

WEB CHECK
£1,225
CHECK OUR LATEST ON-LINE PRICE



Skyforce KMD150

KMD150

Offering a unique combination of increased situational awareness, enhanced safety and wide-ranging capability, the KMD 150 Color Multifunction Display/GPS gives you big screen performance in a package that fits your panel—and your budget. Designed specifically for use in piston-powered and light turbine aircraft, the KMD 150 features a high-resolution colour display, a safety-enhancing terrain database, the capacity to display GPS navigation and a variety of aeronautical and cartographic information simultaneously, an easy-to-use joystick controller, and newly implemented Victor Airways. In short, the new KMD 150 offers a unique combination of performance and value

Skyforce KMD150 **£2,235.00 H**

WEB CHECK
£2,235
CHECK OUR LATEST ON-LINE PRICE



Skyforce Accessories



Skymap Yoke Mount
SM2201 **£116.50 H**



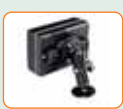
Skymap Panel Mount
SM2204 **£32.50 H**



Skymap Pedestal Mount
SM2228 **£215.00 H**



Skymap Gimbal Mount
SM2209 **£116.50 H**



Skymap Rack Mount
SM2202 **£295.00 H**

Portable Antenna with 2m Ext Cable SMB	SM2100 £105.00 H
2m Antenna Extension Cable	SM2101 £29.95 H
SMB to BNC Adaptor Cable (approx 6")	SM2212 £29.95 H
Power/Data Cable	SM2102 £29.95 H
Cigar Adaptor Power Cable	SM2207 £29.95
Replacement Leg Strap	SM2200 £11.95 H
IIIC Carry Case	SM2104 £17.95 H
IIIC Operating and Installation Manual	SM2105 £11.95 H

WEB CHECK
£1,115
CHECK OUR LATEST ON-LINE PRICE

AVMAP EKP-IV

EKP-IV

The AvMap EKP-IV provides situational awareness in a portable moving map with built-in terrain awareness warning system (TAWS) on one of the largest display screens on the market. Its 7" LCD display provides a sunlight-readable display in brilliant colour, and by strategically positioning menu keys along the sides on the slimmed-down case the unit can operate in a portrait or landscape mode.

- Terrain Awareness Warning System (TAWS)
- STILL the largest screen (7" diagonal)
- Compact, sleek design (4.75" W x 7"L x 1.5"H)
- Internal 12-channel GPS
- Operates on aircraft 12v power supply
- Internal batteries for emergency use (up to 1.5 hours)
- Clean and clear presentation of information on airports, VOR, NDB, local airspace, roads and rivers.
- Full flight planning capability (10 flight plans of up to 100 legs each).
- Full or split HSI screens with data fields.
- Vertical navigation routing.
- Calculator functions: fuel, winds, timers, trip computer.
- Aircraft checklists.
- Full simulator functions.
- Data storage on Compact Flash cards.
- Integration with other onboard systems: autopilot, GPS, external antenna.
- Kneeboard design with R-A-M® and fixed mounting options.

AVMAPEKPIV **£1,115.00 H**



Lowrance AIRMAP500

The AirMap 500 is Lowrance's entry-level aviation GPS with a 3" 16-level greyscale, sunlight readable screen. Features Jeppesen and Lowrance Obstructions databases loaded on a 32mb MMC card, MapCreate software, card reader-writer, cigar plug power adaptor, active remote antenna, yoke mount bracket, suction-cup car mount and wrist strap.

LOWRANCE500

£239.95 H

WEB CHECK

£239.95

CHECK OUR LATEST ON-LINE PRICE

AIRMAP500

AIRMAP 500



Lowrance AIRMAP600C

The AirMap 600C is built around the same chassis as the AirMap 500, but displays mapping on a 16-bit colour screen, which provides additional terrain awareness in colour-coded topographic format. Comes with Jeppesen and Lowrance Obstructions databases loaded on a 32mb MMC card, MapCreate software, card reader-writer, cigar plug power adaptor, active remote antenna, yoke mount bracket, suction-cup car mount and wrist strap.

LOWRANCE600C

£369.95 H

WEB CHECK

£369.95

CHECK OUR LATEST ON-LINE PRICE

AIRMAP600C

AIRMAP 600C



Lowrance AIRMAP1000

The AirMap 1000 adds to the AirMap benefits of reliability, versatility, and value with a new 5" high-contrast screen. Features Jeppesen and Lowrance Obstructions databases loaded on one 32MB MMC card, MapCreate software, an MMC/SD card reader-writer, a cigarette plug power adapter, an advanced active remote antenna, a yoke-mount bracket, a suction-cup car mount bracket, and a wrist strap.

LOWRANCE1000

£329.95 H

WEB CHECK

£329.95

CHECK OUR LATEST ON-LINE PRICE

AIRMAP1000

AIRMAP 1000



Lowrance AIRMAP2000C

The AirMap 600C is built around the same chassis as the AirMap 1000, but displays mapping detail on an all-new, brilliant, sunlight-viewable, 256-color TFT. Features Jeppesen and Lowrance Obstructions databases loaded on one 32MB digital memory (MMC/SD) card, MapCreate mapping software, an MMC/SD card reader/writer, a cigarette plug power adapter along with 4 AA batteries, an advanced remote amplifying antenna, a yoke-mount bracket, and a suction-cup car mount bracket.

LOWRANCE2000C

£549.95 H

WEB CHECK

£549.95

CHECK OUR LATEST ON-LINE PRICE

AIRMAP2000C

AIRMAP 2000C



AVMAP GEOPILOT & GEOPILOT PLUS

WEB CHECK

£599.95

CHECK OUR LATEST ON-LINE PRICE



GEOPILOT

WEB CHECK

£699.95

CHECK OUR LATEST ON-LINE PRICE



GEOPILOT PLUS

5.6" colour screen moving map GPS with terrain awareness and low airways

AvMap GeoPilot and GeoPilotPLUS are compact aeronautical GPS units, combining a large, bright, colour screen with pilot-friendly features. The PLUS version features **LOW LEVEL AIRSPACE** and **TAWS** (Terrain Awareness Warning System): the situational awareness is unbeatable! The large control buttons and the unique thumb stick cursor control make navigating through menus and flight plan programming easy. The map page is fully customisable displaying map only, map with data fields or map with split screen HSI/RMI display. The unit as standard has a Jeppesen database preloaded on the CF memory card. GeoPilot can also read terrestrial AvMap maps: a 2GB CF preloaded with Terrestrial maps converts GeoPilot into a car navigator! The unit operates on 10-35v power supply (cigarette lighter); an optional GoPak auxiliary battery pack lasting up to 10 hours is available.

- TAWS - Terrain Awareness (PLUS version only)
- Low Airways and Controlled Airspace (PLUS version only)
- Ultra-bright 5.6" LCD TFT
- Jeppesen® UK, European & Africa Maps
- Full flight planning capability: 10 flight plans of up to 100 legs each
- Calculator functions (fuel, winds, timers, trip computer)
- HSI / RMI screen
- Speaker for turn by turn vocal instructions (only for terrestrial navigation)

Included accessories: remote antenna, cigarette lighter adapter, flexible neck suction cup mount, instruction manual.

AVMAPGEOPILOT

£599.95 F

AVMAPGEOPILOTPLUS

£699.95 F

Airband Radios

Scanning Receivers with Airband

ICOM R5 Handheld Receiver

Maximum performance in a small package. With a large internal speaker for loud, clear audio performance, this powerful and sensitive receiver sets the standard for others to follow. Able to receive across nine frequency bands (0.150 – 1309.995 MHz) in AM, FM and WFM modes with quick and easy band switching and auto squelch system. Size just 58mm (W) x 86mm (H), weight just 6.5 oz/185 gm

- 1250 memory channels
- 30 channels per second scan speed
- Multiple scan functions
- Airband frequency range in 8.33 kHz steps
- Multifunction dial control, with quick dial-up frequency selection
- Optional PC programming capability
- LCD backlight with timer; channel indication
- Priority watch function with audio alert and low battery indicator.

ICOMIC-R5

£149.95 G



ICOM R5

GRE PSR 282 handheld airband scanner

An excellent value airband scanning AM/FM receiver, now with extra memory capacity and improved performance. 200 memory channels, 10 pre-programmed search banks, lockout facility, digital tuning with keypad entry, backlit LCD display and 12.5 kHz step size in the airband (108-136.975MHz). Runs on 6 x AA size batteries (not supplied) or 9V DC external power adaptor (not supplied).

PSR282

£119.95 E

GRE PSR



SRP 777 'Triple Seven' AM/FM airband radio

Our lowest cost airband radio, with analogue display and tuning. FM and Airband frequency bands covered. Practise your RT, or just listen into your local airfield and overhead airways traffic. Runs on 3xUM3 batteries (not supplied).

AIRBAND777

£19.95 F



SRP 777

Maycom AR108 mini airband scanner

Don't be deceived, this tiny scanner has many of the facilities of the larger PSR282, but fits in the palm of your hand! Scans the airband (108-136.975 MHz), has 99 memory channels and digital tuning with LCD display. Useful features include Dual Watch (track activity on a primary channel whilst monitoring other transmissions), programmable search and battery voltage indicator. Uses 2xAA batteries (not supplied) or 7-20V DC from external adaptor (not supplied).

Weights just 100g, size 58mmW x 85mmH x 26.5mmD.

AR108

£69.95 F



Maycom AR108



ICOM Accessories

ICOM A110 Accessories

OPC346 DC power lead ICOMOPC346 £17.95 H

OPC871 headset adaptor ICOMOPC871 £69.95 H

PS1408 Power cable to power ICOM A110 Ground Receiver from mains supply

ICOMPS1408 £202.75 G

ICOM A22E/A3E Accessories

Although the A22E and A3E have now been superseded by the A6E and A24E, AFE continue to stock accessories for the benefit of the thousands of A22 and A3 users out there. Find a complete list on our website, or in our Technical Catalogue, here are some of the most popular

AFE's Nickel Metal Hydride Battery is a direct replacement for the ICOM NiCd battery, giving higher capacity and longer life at a lower price!



BP-8NMH Replacement A6E/A22E Battery

BP-8NMH £55.00 H

RD/ICOMPOWER – Power lead from standard cigarette lighter socket.

RD/ICOMPOWER £13.99 H

RD/ICOMPTT – Pre-wired PTT switch to connect to ICOM's headset adapter (OPC-499) for remote PTT operation when using a headset with the A22E or A3E

RD/ICOMPTT £11.99 H

BC02, standard mains-plug battery charger, as supplied with the unit.

ICOMBC02 £16.95 H

CM167 battery box for 10x AA dry cells

ICOMCM167 £22.95 H

CP13/L cigarette lighter cable with noise filter

ICOMCP13L £19.95 H

OPC499 headset adaptor with PTT socket

ICOMOPC499 £34.95 H

ICOM A6 & A24 Accessories

A range of popular accessories for the A6 & A24, for a more complete list, please see our website, or refer to our Technical Catalogue.

BC-119N Fast charger (includes AD-101 & BC-145)

ICOMBC119N £55.95 G

BC-121N 6 way charger including six AD-101 adapters & BC-124

ICOMBC121N £329.95 G



BC-119N

BC-144N Rapid charger (inc. BC-145 AC adapter & AD-99)

ICOMBC144N £35.95 G

BP-208N* Battery case (6 AA (LR6) alkaline cells required)

ICOMBP208N £16.95 G

BP-210/N Ni-MH battery pack (1650mAh)

ICOMBP210N £35.95 G

BP-211/N 7.4V/1850mAh LiO Battery Pack (requires BC-119N)

ICOMBP211N £49.95 G



ICOMCP20

CP-20* Cigarette Lighter Cable with DC-DC converter

ICOMCP20 £39.95 G



ICOMOPC499

OPC-499 Headset adapter cable

ICOMOPC499 £34.95 G

ICOM have an outstanding reputation for quality and service. European models are denoted by the 'E' suffix and are CE marked for use within the EU. Models without the E suffix or CE marking are not legal for sale or use within the EU, and may lack certain EU-specific facilities. AFE sell only ICOM products fully approved for European use!

ICOM A110 VHF Ground Transceiver

Airband transceiver designed for ground use. Its rugged design makes it especially suitable as a mobile unit for mounting in vehicles, although it is equally at home as a fixed 'base station'. The 20 memory channels can be named. 'On hook' scan function - hanging the microphone on its cradle activates the scan function.

- Robust and easy to use
- 20 memory channels
- Full scan functions including priority scans
- 150 x 50 x 180mm
- 8.33kHz frequency spacing

ICOM A110 **£624.99 G**



ICOM IC-A6 & IC-A24

A. ICOM IC-A6E

The replacement for ICOM's popular IC-A3E

- High-capacity NiMH (Nickel metal-hydrate) or Lithium-ion LiOn batteries
- Battery charges when running off external power
- Larger, easy to read alphanumeric display
- Small (13cm tall) and light (430g)
- Channel recall function: automatically memorises the last 10 channels used for quick and easy recall
- Simultaneous operation and charging from an external power source.
- 200 channel memory capacity, grouped into banks of 10 for easy recall in-flight.
- Side tone function when using Headset Adapter
- Available in 'Pro' (standard issue, including NiMH battery) and 'Sport' (no battery, for direct 12V DC connection)
- Easy to read 6-character 14-segment alphanumeric LCD
- PC cloning software, CS-A24, allows quick and easy memory management from your PC
- 5W (PEP) output power
- ANL (Auto Noise Limiter) reduces noise components
- Low battery indication and over-voltage alert
- BNC type antenna connector

ICOM IC-A6 'Pro' pack, includes BP-210N NiMH battery, OPC499 headset adaptor, BC-119N rapid desktop charger with AD-101 charger adaptor, CP-20 'Cigar lighter' adaptor with inbuilt DC-DC converter, MB-103 belt clip, FA-B02AR 'rubber duck' antenna with BNC connector, handstrap and manual

ICOMICA6 **£289.95 G**

ICOM IC-A6 'Sport' pack, includes BP-208N AA battery case, CP-20 'Cigar lighter' adaptor with inbuilt DC-DC converter, MB-103 belt clip, FA-B02AR 'rubber duck' antenna with BNC connector, handstrap and manual

ICOMICA6SPORT **£189.95 G**



B. ICOM IC-A24E

The IC-A24 has all the main features of the IC-A6E, but also includes inbuilt VOR facility, which not only allows simple VOR fixing and tracking, but also access to co-located ATIS (Automatic Terminal Information Service) broadcasts.

VOR navigation function

DVOR (Direct VOR) mode shows QDM to (or radial from) a VOR station and the CDI mode shows the course deviation in relation to a user-selected track to or from a VOR.

ICOM IC-A24 'Pro' pack, includes BP-210N NiMH battery, OPC499 headset adaptor, BC-119N rapid desktop charger with AD-101 charger adaptor, CP-20 'Cigar lighter' adaptor with inbuilt DC-DC converter, MB-103 belt clip, FA-B02AR 'rubber duck' antenna with BNC connector, handstrap and manual

ICOMICA24 **£349.95 G**

ICOM IC-A24 'Sport' pack, includes BP-208N AA battery case, CP-20 'Cigar lighter' adaptor with inbuilt DC-DC converter, MB-103 belt clip, FA-B02AR 'rubber duck' antenna with BNC connector, handstrap and manual

ICOMICA24SPORT **£249.95 G**



WEBCHECK
£249.95

CHECK OUR LATEST ON-LINE PRICE

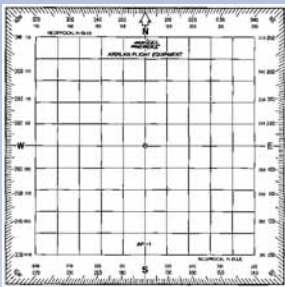
WEBCHECK

£189.95

CHECK OUR LATEST ON-LINE PRICE

Navigation Plotters

AFE AP-15" (12.5cm) Protractor



The classic 5" square protractor, designed by AFE for maximum accuracy and ease of use. Features include alignment grid, cardinal points, directions in degrees and North reference, reciprocal

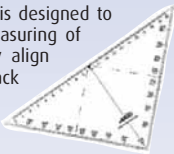
directions in blue and a centre circle (5nm radius at 1:500,000 scale) for safety altitude calculations. Cut from thick Perspex and with a bevelled edge for ease of marking, this AFE product is manufactured to the highest standards to last a lifetime of flying.

PROTRACTOR

£5.25 A

AFE Triangular Protractor

The AFE triangular protractor is designed to allow quick and accurate measuring of angles and distances. Simply align the long edge with the track line, and read-off direction at the top of the triangle; incorporates a finger grip to hold the protractor steady in use.

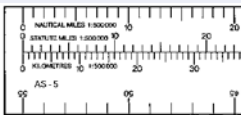


TRIANGLE

£6.95 A

AFE AS-5 16" (41cm) Scale Rule

The standard aeronautical scale rule used world-wide, cut from thick Perspex with bevelled edges. The outer edges are marked with nautical miles in 1:500,000 & 1:250,000 scales, on the centre line statute miles and kilometres are marked in 1:500,000 scale. The scale is 10nm wide (in 1:500,000 scale) to aid safety altitude calculations.

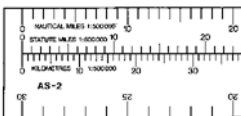


SCALE1

£5.25 A

AFE AS-2 9" (22.5cm) Scale Rule

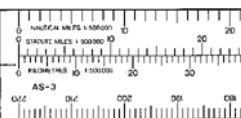
Short scale rule with scale markings as for the AS-5



SCALE2 **£4.95 A**

AFE AS-3 16" (41cm) Scale Rule

Outer edges marked with nautical miles in 1:500,000 & 1:1,000,000 scales. The centre line is marked with statute miles and kilometres in 1:500,000 scale.



SCALE3

£5.95 A

AFE AS-4 16" (41cm) Scale Rule

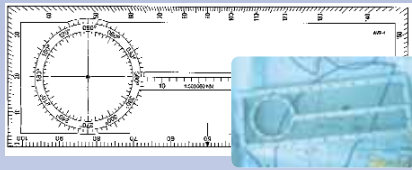
Outer edge marked in kilometres at 1:500,000 & 1:1,000,000 scales, the centre line in statute miles and nautical miles at 1:500,000 scale.



SCALE4

£5.95 A

AFE AVP-1 VFR/IFR Plotter



Simply indispensable in any pilot's flight bag, the AVP-1 is just as easily used for pre-flight planning as for in-flight navigation and plotting functions. An essential aid for the PPL skill test, IMC and Instrument rating and professional flight tests, the AVP-1 is equally popular with instrument rated, touring and professional pilots.

- A standard square protractor design, for pre-flight direction measuring.
- Distance measuring in nautical miles in 1:500,000 and 1:250,000 scales
- A circular compass rose, for plotting radials from an airfield, VOR or waypoint
- A slot along the radial axis of the compass rose with range scales in 1:500,000 and 1:250,000 scales for quick and easy VOR/DME position fixes, NDB/VOR bearing line, or other bearing/range information (e.g. GPS readout)

AVP1

£7.95 A

ASA Rotating Plotter

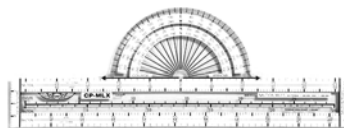


The rotating plotter design allows distance and direction to be measured with one plotter and in one operation. The popular touring scales are marked in nautical and statute miles, the rotating circular protractor permits easy direction measurement directly from the chart. Approx. 350mm long.

ASAROTATINGPLOT

£11.95 D

ASA Micro Plotter



A pocket-sized combined scale and 'half-moon' protractor design that allows distance and direction to be measured on one plotter for easy flight planning. Approx. 250mm long.

ASAMICROPLOTTER

£9.95 D

CPM Ground Speed Calculators

The secret of spot-on ETAs for VFR pilots! Simply place the calculator at your position on the map and, using the appropriate ground speed scale, and read-off the time to the desired point or distance. Alternatively use by recording the elapsed time over a known distance to calculate ground speed. Usable at ground speeds from 50 knots to 140 knots and available for 1:500,000 and 1:250,000 scale maps.



CPM-1 Ground Speed Calculator (nautical miles, 1:500,000)

CPM1

£5.95 D

CPM-2 Ground Speed Calculator (statute miles, 1:500,000)

CPM2

£5.95 D

JEPPesen Plotters



PN-1 navigation plotter. 300mm scale, includes half-protractor and 1:500,000 and 1:1000,000 navigation scales

JEPPPN1

£10.95 D

PJ-1 rotating azimuth plotter. As PJ-1 but with full circular rotating protractor for bearing fixes and plotting.

JEPPPJ1

£12.95 D

PV-5 IFR enroute plotter. For use with Jeppesen enroute charts, includes scale conversions, standard and non-standard hold entries and chart sub-scales.

JEPPPV5

£11.95 D

FPN folding plotter. Folds to fit into a shirt pocket.

JEPPFOLDINGPLOT

£10.95 D

ACCESSORIES

Pen Set (4 Colour)

A wallet of four permanent, fine-tip marker pens with a finer point than a chinagraph, allowing more accurate marking and measuring. The pens are not 'wipe-off', so lines and markings won't get smudged or erased accidentally, but are easily removed with the eraser block or alcohol-based solvents.



PENSET

£5.45 D

ERASER

£1.30 D

Chinagraph Pencils

The traditional chart marking used by generations of pilots and navigators. Draw



straight onto any surface, including paper, laminated or plasticised, can be rubbed-off without special erasers or fluids.

Box of 12 chinagraph pencils, Black, Blue or Red:

CHINAGRAPHBLACK

£10.95 D

CHINAGRAPHBLUE

£10.95 D

CHINAGRAPHRED

£10.95 D

Propelling Chinagraph Pencil

The re-useable chinagraph solution. The propelling chinagraph holder has a clip for attaching to shirt pockets etc. and the lead can be retracted when not in use.



Propelling Chinagraph Pencil, individual, Black or Red

PROPCHINABLACK

£4.95 D

PROPCHINARED

£4.95 D

Propelling Chinagraph Refills

A box of 12 propelling Chinagraph refill leads: Black or Red

CHINAGLEADBLACK

£5.75 D

CHINAGLEADRED

£5.75 D

AFE ARC-1 Flight Computer

The most modern, accurate and user-friendly flight computer around.

The 'wind scale' side is used for pre-flight calculation of heading and groundspeed and crosswind component, useable down to speeds of 20 knots (i.e. no need for a separate 'microlight' wind slide) and up to speeds of 850 knots.

The 'conversion' side can be used to convert between units of distance, temperature, weight and volume; to calculate true airspeed, density and true altitude; to calculate fuel consumption, specific gravity and all time/speed/distance variables.

The ARC-1 is designed for accuracy and ease of use for JAR, NPPL and equivalent PPL examinations and built for durability and reliability.

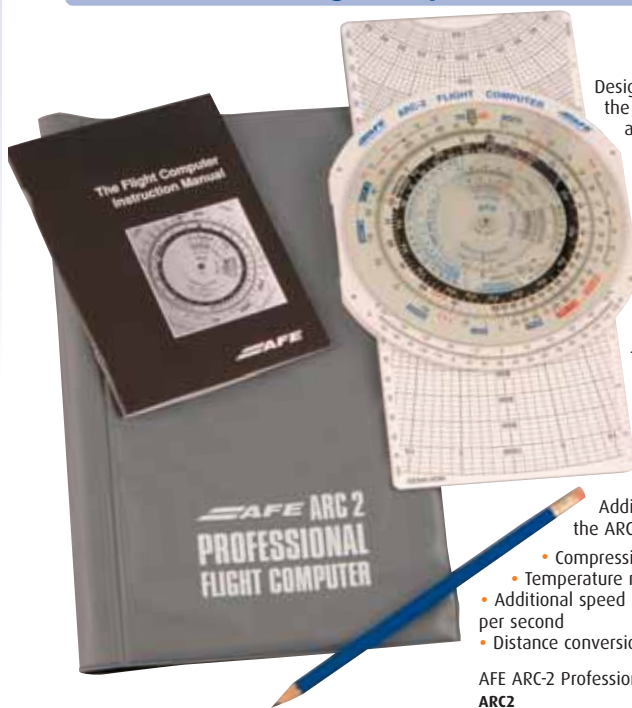
Supplied in a protective wallet with marking pencil and eraser and a fully illustrated, 70 page instruction manual (no need to wrestle with incomprehensible and un-illustrated booklets!).



ARC1

£43.95 A

ARC-2 Professional Flight Computer



Designed without compromise to produce the most accurate flight computer available, the award-winning ARC-2 is not only accurate and easy to read, the careful choice of materials and construction also guarantees a long life with smooth, glitch-free operation. Simply compare the ARC-2 with any similar flight computer and you'll see why it is the instrument of choice for the shrewd student or professional pilot. Compatible with JAR-FCL professional pilot examinations, supplied in a protective wallet with marking pencil and eraser and a fully illustrated, 70 page instruction manual.

The ARC-2 is also available in a 'wind arm' version.

Additional features of the ARC-2 above the ARC-1 include:

- Compressibility calculation
- Temperature rise scale
- Additional speed conversions to metres per second
- Distance conversions to centimetres and inches

AFE ARC-2 Professional Flight Computer
ARC2

£59.95 A

ARC2 Professional Flight Computer (with wind arm)
ARC2W

£59.95 A

Flight Computer CD

An interactive CD that teaches the principal functions of the 'mechanical' Flight Computer with illustrated lessons, numerous animations and worked examples that guide you through the principles of operation of the instrument, with full-colour graphics, voice-over narration and key points. Ideal for student pilots learning to use the flight computer for the first time, or experienced pilots who wish to get the best from the 'whiz-wheel'.

OXFORDFCCD

£19.95 G



ASA Metal E-68 Flight Computer

A standard mechanical flight computer designed for the USA market and so lacking some of the imperial and metric conversions found on the ARC Flight Computers. It is manufactured in aluminium and so can tolerate all sorts of abuse with minimal damage! Supplied in a plastic sleeve with an illustrated instruction booklet.

METALE6B **£29.95 D**



ASA Card E-68 Flight Computer

The same markings and design as the Metal E-68 Flight Computer, but made from laminated cardboard. What it lacks in durability it makes up for in price!

PAPERE6B **£14.95**



The Flight Computer Instruction Manual



Included with the ARC-1 and ARC-2, this invaluable 70-page booklet is fully illustrated throughout and suitable for use with any 'Dalton' / 'E-68' style flight computer. As well as the 'standard' calculations it also includes methods to calculate Point of No Return, Radius of Action etc.

AFECOMPUTERMANU

£3.95 A

AFE VB-1 Folding Kneeboard

The classic AFE kneeboard design, ideal for student pilots and for use in light aircraft, helicopters and enclosed cockpit microlights. The fold-over design uses the minimum space when closed, but provides extra storage options and writing space when opened out.

AFE's VB-1 is placarded with invaluable in-flight information such as the phonetic alphabet and Morse code, quadrantal and semi-circular rules, transponder codes, light signals, RT standard call, search and rescue signals etc. The front face has a document clip and clear cover, pen pockets and stopwatch holder eyelet. Inside there is an angled pocket and clear cover flap, with an elastic fastener on the rear face to keep the kneeboard secure on your leg.

Royal Blue, 18 x 25cm (7 x 10") folded, 36 x 25cm (14 x 10") open.

VB15

£15.95 A

£15.95

EXCELLENT VALUE

AFE VB-3 Professional Kneeboard Organiser

OUR BEST-SELLING KNEEBOARD

Based on the classic AFE VB-1, and also overprinted with in-flight information, the VB3 adds extra flexibility with the introduction of six clear chart holder wallets inside - ideal for storing flight guide pages, airfield plates, checklists or notes for easy access in-flight. What's more, the VB3's extra padding and a reinforced hinge on the spine makes for a more comfortable, durable, cockpit accessory.

AFE's VB-3 is the preferred choice of touring pilots and flying instructors the world over and also includes an information block for interception procedures - legally required for overseas touring. With pen pockets, stopwatch holder attachment, front clear cover, document clip and elasticated leg attachment, this is our best selling kneeboard, used all over Europe - standard equipment for many major flying schools!

Light Grey, 18 x 25cm (7 x 10") folded, 36 x 25cm (14 x 10") open.

VB35

£18.95 A

£18.95

EXCELLENT VALUE

AFE VB-2 Flightboard

Designed for those pilots who need a bit more space for their planning and in-flight notes, the VB-2 Flightboard is ideal for instrument flying, multi-engine aircraft, long-distance touring etc. In-flight information is presented on the front face - phonetic alphabet and Morse code, quadrantal and semi circular rules, transponder codes, light signals, RT standard call, search and rescue signals standard markings - together with pen pockets, clear cover flap, document clip and stopwatch holder opening. On the rear face there is a large pocket giving the maximum flexibility to hold plotters, flight plans, airways charts etc.

Burgundy. 33 x 24cm (13 x 9").

VB25

£17.95 A

£17.95

AFE VB-LO Leather Organiser Kneeboard

QUALITY & VALUE

£24.95



Based on our best-selling VB-3 design, the VB-LO is hand-made from real leather for a lifetime of use. Overprinted with useful aeronautical information, the holding clip is our popular spring-closure design with protected edges, and there are stitched edges and metal corners for extra durability. A stopwatch holder eyelet has been incorporated for the easy use of your stopwatch and inside the kneeboard there are two pen holders, an interior corner pocket and clear chart holder wallets to hold airways and approach charts, VFR Flight Guide plates, airfield maps, checklists, reference cards. The VB-LO is quite simply our best kneeboard, made to the highest standards and designed to last a lifetime of flying.

Black, 17 x 23cm (7 x 9") folded, 34 x 23cm (14 x 9") open.

- Made from real leather
- Popular 'fold-open' design
- Stitched edges and metal corners
- Stopwatch holder and pen pockets
- Four clear chart holder pockets
- Extra-wide elasticated leg strap

VBLEATHER

£24.95 A

AFE VB-4 Professional Flightboard INSTRUMENT FLYING COMPANION

Based on AFE's classic VB-2 kneeboard, this enhanced flight board has been specifically designed for use when instrument flying in co-operation with the UK's leading professional flight training schools. In addition to the regular AFE Flightboard features of pen pockets, stop watch holder opening, clear plastic cover/flap, document clip and external rear pockets, the VB4 incorporates a set of ring holders mounted to the side of the flight board and five clear plastic chart holders to hold Aerad, Jeppesen and UK VFR Flight Guide pages where they can easily viewed - in particular during an instrument approach.

Black, 33 x 24cm (13 x 9").

VB45

£19.95 A

£19.95

